Jason R. Wilson

"Willie"

Curriculum Vitae

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ACADEMIC QUALIFICATIONS

2017 **Joint-Ph.D. Computer Science/Cognitive Science**
Tufts University
Supervisors: Professors Matthias Scheutz & Linda Tickle-Degnen
Designing a Socially Assistive Robot to Preserve the Dignity of Older Adults

2008 **M.S. Computer Science**
Worcester Polytechnic Institute

2001 **B.S. Computer Science**
Worcester Polytechnic Institute

PROFESSIONAL RESEARCH EXPERIENCE

2020-present **Assistant Professor**,*Franklin & Marshall College*
Computer Science Department

2017-2020 **Warren Postdoctoral Fellow**,*Northwestern University, Computer Science*
Supervisors: Prof. Sara Owsley Sood and Prof. Kenneth Forbus

2012-2017 **Research Assistant**,*Tufts University, Computer Science*
Supervisor: Professor Matthias Scheutz

2014 **Research Assistant**,*Palo Alto Research Center*
Supervisors: Dr. Johan de Kleer and Dr. Matthew Klenk

2012-2013 **Research Assistant**,*Northwestern University, EECS*
Supervisor: Professor Kenneth Forbus

2008-2012 **Principal Research Engineer**,*BAE Systems*
Supervisor: Mr. Robert Hyland

PUBLICATIONS

Journals

1. Allison Langer, **Jason R. Wilson**, Lauren Howard, and Peter J. Marshall (under review). "The Influence of Child Characteristics on Children's Behavior towards a Social Robot Versus a Human in Educational Settings". *Scientific Reports*

2. Irina Rabkina, Pavan Kantharaju, **Jason R Wilson**, Mark Roberts, and Laura M Hiatt (2021). "Evaluation of Goal Recognition Systems on Unreliable Data and Uninspectable Agents". *Frontiers in Artificial Intelligence* 4 (734521)

3. **Jason R. Wilson**, Linda Tickle-Degnen, and Matthias Scheutz (2020). "Challenges in Designing a Fully Autonomous Socially Assistive Robot for People with Parkinson's Disease". *Transactions on Human-Robot Interaction*

4. **Jason R. Wilson**, Nah Young Lee, Annie Saechao, Linda Tickle-Degnen, and Matthias Scheutz (2018). "Supporting Human Autonomy in a Robot-Assisted Medication Sorting Task". *International Journal of Social Robotics* 10 (5), pp. 621–641

Conferences

** denotes undergraduate author*

1. Elshaddai Muchuwa* and **Jason R. Wilson** (under review). "Student/Faculty Partnerships to Teach Computing Ethics Beyond the Computer Science Classroom". In: *SIGCSE Technical Symposium 2026*

2. **Jason R. Wilson**, Irina Rabkina, Mark Roberts, and Laura M. Hiatt (2025). "ToMCAT: Benchmark for Socially Assistive Robots with Theory of Mind of Children Assembling Tangram Puzzles". In: *IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*

3. **Jason R. Wilson**, Allison Langer, Lauren Howard, and Peter Marshall (2025). "Age-Related Differences in Children's Spontaneous Gesturing with a Robot versus Human Instructor". In: *IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*

4. **Jason R. Wilson**, Lissangel Martinez*, and Irina Rabkina (2022). "Deductive Reasoning with Incomplete Knowledge via Repeated Analogies". In: *Proceedings of the Advances in Cognitive Systems*

5. **Jason R. Wilson**, Phyo Thuta Aung*, and Isabelle Boucher* (2022). "When to Help? A Multimodal Architecture for Recognizing When a User Needs Help from a Social Robot". In: *Proceedings of the International Conference on Social Robotics*

6. Irina Rabkina, Pavan Kantharaju, Mark Roberts, **Jason R. Wilson**, Kenneth D. Forbus, and Laura M. Hiatt (2020). "Recognizing the Goals of Uninspectable Agents". In: *Proceedings of the Eighth Annual Conference on Advances in Cognitive Systems*

7. Ulyana Kurylo* and **Jason R. Wilson** (2019). "Using human eye gaze patterns as indicators of need for assistance from a socially assistive robot". In: *Proceedings of the Eleventh International Conference on Social Robotics*

8. **Jason R. Wilson**, Kezhen Chen, Maxwell Crouse, Constantine Nakos, Danilo Neves Ribeiro, Irina Rabkina, and Kenneth D. Forbus (2019). "Analogical Question Answering in a Multimodal Information Kiosk". In: *Proceedings of the Seventh Annual Conference on Advances in Cognitive Systems*

9. **Jason R. Wilson**, Rem Wransky, and Jorge Tierno (2018). "General Approach to Automatically Generating Need-based Assistance". In: *Proceedings of the Sixth Annual Conference on Advances in Cognitive Systems*

10. **Jason R. Wilson**, Nah Young Lee, Annie Saechao, Sharon Hershenson, Matthias Scheutz, and Linda Tickle-Degnen (2017). "Hand Gestures and Verbal Acknowledgments Improve Human-Robot Rapport". In: *Proceedings of the Ninth International Conference on Social Robotics*. Springer, Cham, pp. 334–344

11. **Jason R. Wilson**, Matthias Scheutz, Evan Krause, and Morgan Rivers* (2016). "Analogical Generalization of Actions from Single Exemplars in a Robotic Architecture". In: *Proceedings of AAMAS 2016*, pp. 1015–1023

12. **Jason R. Wilson**, Linda Tickle-Degnen, and Matthias Scheutz (2016a). "Designing a Social Robot to Assist in Medication Sorting". In: *Proceedings of the Eighth International Conference on Social Robotics*, pp. 211–221

13. **Jason R. Wilson** and Matthias Scheutz (2015). "A Model of Empathy to Shape Trolley Problem Moral Judgements". In: *Proceedings of the 2015 International Conference on Affective Computing and Intelligent Interaction (ACII)*, pp. 112–118

14. **Jason R. Wilson** and Matthias Scheutz (2014). "Analogical Generalization of Activities from Single Demonstration". *Advances in Artificial Intelligence–IBERAMIA 2014*. Springer, pp. 494–505

15. **Jason R. Wilson**, Kenneth D. Forbus, and Matthew D. McLure (2013). "Am I Really Scared? A Multi-phase Computational Model of Emotions". In: *Proceedings of the Second Annual Conference on Advances in Cognitive Systems*, pp. 289–304

16. Thomas R. Hinrichs, Kenneth D. Forbus, Johan de Kleer, Sungwook Yoon, Eric Jones, Robert Hyland, and **Jason Wilson** (2011). "Hybrid Qualitative Simulation of Military Operations". In: *Proceedings of the Twenty-Third Conference on Innovative Applications of Artificial Intelligence*

Book Chapter

1. **Jason R. Wilson**, Matthias Scheutz, and Gordon Briggs (2016). "Reflections on the design challenges prompted by affect-aware socially assistive robots". *Emotions and Personality in Personalized Systems*. Ed. by Marko Tkalcic, Berardina DeCarolis, Marco de Gemmis, Ante Odic, and Andrej Kosir. Springer

Symposia and Workshops

** denotes undergraduate author*

1. **Jason R. Wilson**, Irina Rabkina, Zach Locher*, and Laura M. Hiatt (2025). "The Case for More Comprehensive Evaluations of Machine Theory of Mind". In: *ToM4AI Workshop 2025*

2. Elshaddai Muchuwa*, **Jason R. Wilson**, and Lee Franklin (2025). "Co-Creation and Inclusive Design: Developing a Machine Ethics Curriculum through Collaborative Pedagogy". In: *SIGCSE Technical Symposium 2025*

3. Saad Elbeleidy and **Jason R. Wilson** (2024). "Agreeing to Disagree: Translating Representations to Uncover a Unified Representation for Social Robot Actions". In: *Symposium on Unifying Representations for Robot Application Development*

4. Lauren Howard, **Jason R. Wilson**, Allison Langer, and Peter J. Marshall (2024). "Draw a Robot Task: The Influence of Children's Age and Drawings on Robot Interactions". In: *Proceedings of the 33rd IEEE International Conference on Robot and Human Interactive Communication*

5. **Jason R. Wilson** and Emily Jensen (2024). "HRI Curriculum for a Liberal Arts Education". In: *Proceedings of the HRI 101 Workshop: Designing an Intro to HRI Course*

6. **Jason R. Wilson** and Tracy Yang* (2024). "Software Architecture to Generate Assistive Behaviors for Social Robots". In: *Companion of the 2024 ACM/IEEE International Conference on Human-Robot Interaction (HRI '24 Companion)*

7. Tracy Yang*, Allison Langer, Lauren Howard, Peter J. Marshall, and **Jason R. Wilson** (2023). "Towards An Ontology for Generating Behaviors for Socially Assistive Robots Helping Young Children". In: *Proceedings of the AAAI Fall Symposium on Artificial Intelligence for Human-Robot Interaction*. **Best Paper Award**

8. **Jason R. Wilson** (2023). "Towards a Measure of User Autonomy in Response to Robot Assistance". In: *Proceedings of the Workshop on Perspectives on Moral Agency in Human-Robot Interaction*

9. **Jason R. Wilson** (2022). "Human Autonomy as a Design Principle for Socially Assistive Robots". In: *Proceedings of the AAAI Fall Symposium on Artificial Intelligence and Human-Robot Interaction*

10. **Jason R. Wilson**, Phyo Thuta Aung*, and Isabelle Boucher* (2021). "Enabling a Social Robot to Process Social Cues to Detect when to Help a User". In: *Proceedings of the AAAI Fall Symposium on Artificial Intelligence and Human-Robot Interaction*

11. Irina Rabkina, Pavan Kantharaju, **Jason R. Wilson**, Mark Roberts, and Laura M. Hiatt (2021). "Comparing Hierarchical Goal Recognition via HTN, CCG, and Analogy". In: *Proceedings of the AAAI 2021 Workshop on Plan, Activity, and Intent Recognition (PAIR 2021)*

12. **Jason R. Wilson**, Leilani Gilpin, and Irina Rabkina (2020). "A Knowledge Driven Approach to Adaptive Assistance Using Preference Reasoning and Explanation". In: *Proceedings of the AI-HRI Symposium at AAAI-FSS 2020*

13. Alex Reneau* and **Jason R. Wilson** (2020). "Supporting User Autonomy with Multimodal Fusion to Detect when a User Needs Assistance from a Social Robot". In: *Proceedings of the AI-HRI Symposium at AAAI-FSS 2020*

14. **Jason R. Wilson**, Seongsik* Kim, Ulyana* Kurylo, Joseph* Cummings, and Eshan* Tarneja (2019). "Developing Computational Models of Social Assistance to Guide Socially Assistive Robots". In: *Proceedings of the AAAI Fall Symposium on Artificial Intelligence and Human-Robot Interaction for Service Robots in Human Environments*

15. Joseph* Cummings and **Jason R. Wilson** (2019). "CLARK at SemEval-2019 Task 3: Exploring the Role of Context to Identify Emotion in a Short Conversation". In: *Proceedings of Thirteenth International Workshop on Semantic Evaluation*

16. **Jason R. Wilson** and Linda Tickle-Degnen (2018). "Towards a Computational Model of Dignity to Guide Autonomous Assistive Robots". In: *Proceedings of the Workshop on Social Robots in Therapy: Focusing on Autonomy and Ethical Challenges*

17. Vasanth Sarathy, **Jason R. Wilson**, Thomas Arnold, and Matthias Scheutz (2016). "Enabling Basic Normative HRI in a Cognitive Robotic Architecture". In: *Proceedings of the 2nd workshop on Cognitive Architectures for Social Human-Robot Interaction at the 11th ACM/IEEE Conference on Human-Robot Interaction*

18. **Jason R. Wilson**, Thomas Arnold, and Matthias Scheutz (2016). "Relational Enhancement: A Framework for Evaluating and Designing Human-Robot Relationships". In: *2nd International Workshop on AI, Ethics, and Society*

19. **Jason R. Wilson**, Nah Young Lee, Annie Saechao, and Matthias Scheutz (2016). "Autonomy and Dignity: Principles in Designing Effective Social Robots to Assist in the Care of Older Adults". In: *Workshop: Using Social Robots to Improve the Quality of Life in the Elderly*

20. **Jason R. Wilson** (2016). "Robot Assistance in Medication Management Tasks". In: *Proceedings of the 11th ACM/IEEE Conference on Human-Robot Interaction*

21. **Jason R. Wilson** (2015). "Towards an Affective Robot Capable of Being a Long-Term Companion". In: *Proceedings of the Sixth International Conference on Affective Computing and Intelligent Interaction*

Posters

1. M. Hacopian, Nahyoung Lee, Annie Saechao, Difei Tong, **Jason R. Wilson**, M. Scheutz, and L. Tickle-Degnen (2016). "Assessing the Effectiveness of a Social Robot for People with Parkinson's Disease through a Questionnaire and Video Analysis". In: *MAOT Conference*

2. **Jason R. Wilson**, Linda Tickle-Degnen, and Matthias Scheutz (2016b). "Development and evaluation of a social robot to assist in a medication management task". In: *4th World Parkinson Congress*. Selected for Poster Tour as a top 25% abstract

TEACHING

F20, S21, F21, S22, F22, S23, S25 — **CPS112: Computer Science II**, Franklin & Marshall College

Spring 2025 — **CPS273: Teaching and Learning Machine Ethics**, Franklin & Marshall College

Spring 2022 — **CPS371: Human-Robot Interaction**, Franklin & Marshall College

F2021, F2022 — **CPS173: Intro to Computer Programming**, Franklin & Marshall College

Spring 2021 — **CPS337: Theoretical Foundations of Computer Science**, Franklin & Marshall College

F2020, S2023 — **CPS367: Artificial Intelligence**, Franklin & Marshall College

Fall 2019 — **CS110: Intro to Computer Programming**, Northwestern University

Win,Fall 2018 — **CS348: Introduction to Artificial Intelligence**, Northwestern University

Winter 2019 — **CS371: Knowledge Representation and Reasoning**, Northwestern University

F2017, S2019 — **CS395: Affective Computing Seminar**, Northwestern University

Spring 2016 — **COMP150-HRI: Human-Robot Interaction**, (Teaching Assistant) Tufts University

2014-2017 — **Programming for Non-Programmers Workshops: Python, Java, R**, (Workshop coordinator and instructor) Tufts University

RESEARCH SUPERVISED

2025 — Inferring Childrens Goals in Tangram Puzzle Solving
Vu, Hoang Anh, Franklin & Marshall College, Summer Research Assistant: NSF CAREER

2025 — Analysis of Teaching and Learning Machine Ethics Course
Muchuwa, Elshaddai, Franklin & Marshall College, Summer Research Assistant: NSF CAREER

2025 — Child Social Behavior in HRI
Yilmaz, Deniz, Franklin & Marshall College, Hackman Summer Scholar

2025 — Parents Perceptions of Social Robots with Theory of Mind

Adylbekova, Anara, Franklin & Marshall College, Summer Research Assistant: NSF CAREER

2024 Qualitative Physics
Ali, Ibrahem, Franklin & Marshall College, Hackman Summer Scholar

2025 LLM Recognition of Tangram Puzzles
Vu, Hoang Anh, Franklin & Marshall College, Independent Study Project

2024 Computer Vision for Tangram Puzzles
Ibrahim, Moemen and Labaran, Dauda, Franklin & Marshall College, Independent Study Project

2024 Semi-automated Robot Assistance for Tangram Puzzles
Locher, Zach and Vu, Hoang Anh, Franklin & Marshall College, Independent Study Project

2024 Analogical Inferences in a Tangram Puzzle
Locher, Zach, Franklin & Marshall College, Summer Research Assistant: NSF CAREER

2024 Co-creating Machine Ethics Curriculum
Muchuwa, Elshaddai, Franklin & Marshall College, Summer Research Assistant: NSF CAREER

2024 Emotional Response by Young Children in a Child-Robot Interaction
Budragchaa, Jane, Franklin & Marshall College, Hackman Summer Scholar

2024 Use of Gestures by Young Children in a Child-Robot Interaction
Yilmaz, Deniz, Franklin & Marshall College, Hackman Summer Scholar

2023 Social Robot Behaviors for Assisting Young Children
Yang, Tracy, Franklin & Marshall College, Hackman Summer Scholar

2023 Evaluation of the RAGeR algorithm
Locher, Zach, Franklin & Marshall College, Hackman Summer Scholar

2022-2023 Improved heuristics for RAGeR
Martinez, Lissangel, Franklin & Marshall College, Independent Study Project

2023 Social robot providing assistance to children
Rao, Chelsea, Franklin & Marshall College, Independent Study Project

2022 Streamlining and Scaling Student Feedback on Programming Assignments
McNiff, Jennifer, Franklin & Marshall College, Curriculum Innovation and Department Project

2022 Human Eye Gaze when Being Assisted by a Social Robot
Zhang, Sena, Franklin & Marshall College, Summer Research Assistant

2022 Analogical Reasoning for Social Robot Decision-Making
Martinez, Lissangel, Franklin & Marshall College, Decision Theory Summer Scholar

2022 Social Robot to Assist in Learning to Code
Boucher, Isabelle, Franklin & Marshall College, Hackman Summer Scholar

2022 Human Eye Gaze when Being Assisted by a Social Robot
Rao, Chelsea, Franklin & Marshall College, Independent Study Project

2022	Social Robot to Assist in Learning to Code Shu, Guotian, Franklin & Marshall College, Independent Study Project
2021-2022	Knowledge-level Integration between a Social Robot and a Cognitive Architecture Blanquel, Nathaniel, Franklin & Marshall College, Independent Study Project
2021-2022	Developing a Language Model to Recognize User Needs Brezcinski, Kathy, Franklin & Marshall College, Independent Study Project
2021	Enabling a Social Robot to Explain its Actions Phan, Nhi, Franklin & Marshall College, Hackman Summer Scholar
2021	Detecting when a Person Needs Assistance from a Social Robot Boucher, Isabelle, Franklin & Marshall College, Hackman Summer Scholar
2021	Methods in Human-Robot Interaction Boucher, Isabelle, Phan, Nhi, and Rilla, Raluca, Franklin & Marshall College, Directed Reading
2021	HTN Planning Mahboob, Saad, Franklin & Marshall College, Independent Study Project
2021	Evaluation of User Preferences with Socially Assistive Robots Tran, Anh, Franklin & Marshall College, Independent Study Project
2021	Real-time Detection of Need Aung, Phyo Thuta, Franklin & Marshall College, Independent Study Project
2020	Human Autonomy as a Design Principle in HRI Kurylo, Ulyana, Northwestern University, Undergraduate Research Grant
2020	Multimodal detection of user needs Reneau, Alex, Northwestern University, Independent Research Project
2019	Using task progress to predict need for assistance Hou, Kevin, Northwestern University, Summer Internship Grant Program
2019	KQML.net for the Platform for Situated Intelligence (\psi) Hu, Yihong, Northwestern University, MSR grant
2019	Developing measures of human autonomy Kim, Seongsik, Northwestern University, Undergraduate Research Grant
2019	CLARK: Identifying emotions in context Cummings, Joseph, Northwestern University, Undergraduate Research Grant
2018-2019	Developing a computational model of how gaze communicates engagement Kurylo, Ulyana, Northwestern University, Undergraduate Research Assistant Program
2018	Hierarchical task network for medication sorting Tarneja, Eshan, Northwestern University, Independent Research Project
2018	CLARK: Conversational lexical affect recognition kit Joshi, Samir, Northwestern University, Master's Project
2018	Evaluation of a domain-independent tool for generating variable levels of assistance Kim, Seongsik, Northwestern University, Undergraduate Research Assistant Program

2017 Development of rapport behaviors for Nao robot
Feng, Haomin, Tufts University, Independent Research Project

2017 Building Socially Assistive Robots to Support Parkinsons Disease Patients
Fitzpatrick, Chris, Tufts University, Psych 195: Senior Seminar in Cognitive & Brain Sciences

2016 Assessing the effectiveness of the social robot for people with Parkinson's disease through a questionnaire and video analysis
Saechao, Annie, Lee, Nahyoung, Hacopian, Meghmic. Tong, Difei, Tufts University, OTS 209: Occupational Therapy Clinical Research

2015 Robot architecture for analogical generalization from single exemplar
Rivers, Morgan, Chen, Ivan, Berkley, Linc, Tufts University, Summer Research Internship

2015 Prosocial rankings for empathic responses to moral dilemmas
Kaminski, Adam, Tufts University, Independent Research Project

2015 Content validation of a medication sorting task and activity analysis for socially assistive robot development
Kornstein, J., Bokun, M., Carpenter, S., Steinmetz, L., Tavender, S, Tufts University, OTS 209: Occupational Therapy Clinical Research

ACADEMIC SERVICE

Workshops and Conferences,

2025 Symposium on Unifying Representations for Robot Application Development, organizing committee

2025 ACM/IEEE International Conference on Human-Robot Interaction, panels chair

2024 Symposium on Unifying Representations for Robot Application Development, organizing committee

2024 Technological Advances in Human-Robot Interaction Symposium, local, publications, and program chairs

2024 ACM/IEEE International Conference on Human-Robot Interaction, program committee

2023 Artificial Intelligence for Human-Robot Interaction Symposium, program chair

2022 Artificial Intelligence for Human-Robot Interaction Symposium, diversity chair

2022 IROS special session on Computational Advances in Human-Robot Interaction, organizing committee

2021 Artificial Intelligence for Human-Robot Interaction, organizing committee

2020 Artificial Intelligence for Human-Robot Interaction, general chair

Peer reviewer,

International Conference on Robotics and Automation 2025 International Conference on Robotics and

2025 International Journal on Social Robotics (SORO)

2025 ACM/IEEE International Conference on Human-Robot Interaction (HRI)

2021-2022 ACM Transactions on Human-Robot Interaction (THRI)

2021 EAAI Mentored Undergraduate Research Challenge

2019 IEEE Transactions on Robotics (T-RO)

2019 Annual Meeting of the Cognitive Science Society (CogSci)

2016 ACM/IEEE International Conference on Human-Robot Interaction (HRI)

2016 International Conference on Social Robotics (ICSR)

2018-present **MSAI Internal Advisory Committee**,*Northwestern University*
Committee member

Computer Science League of Learning,*Tufts University*

2016-2017 President

2015-2016 Vice-President

2014-2017 Co-creator and instructor of Programming for Non-Programmers Workshops

Graduate Student Council,*Tufts University*

2015-2017 Academic and Career Development committee

2014-2016 Computer Science department representative

2014 Community Outreach committee

2016-2017 **Experimental College Advisory Board**,*Tufts University*
Graduate student representative

AWARDS AND GRANTS

2025 **Academic Innovation Award: Interdisciplinary Course on Children and Technology**,*Franklin & Marshall College*
$1200

2024 **Transparent Theory of Mind Algorithms for Social Robots Assisting Young Children**, *NSF Faculty Early Career Development (CAREER)*
$505,358

2024 **Evans-Cogan: Broadening Access to Machine Ethics**,*Franklin & Marshall College*
$2500

2023 **Academic Innovation Award: Broadening Access to Machine Ethic Curriculum**,*Franklin & Marshall College*
$500

2022 **Curriculum Innovation: Streamlining and Scaling Student Feedback on Programming Assignments**,*Franklin & Marshall College*
$1000

2022 **Curriculum Innovation: CS Curriculum Reshaping**,*Franklin & Marshall College*
$500

2018-2019 **Continuing Undergraduate Research Assistance Program**,*Northwestern University*
$2000

2018 **Summer Undergraduate Research Assistance Program**,*Northwestern University*
$3000

2018 **Undergraduate Research Assistance Program**,*Northwestern University*
$2000

2016 **Tufts Ignite**,*Tufts University*
2nd Place: $100

2012-2013 **Cognitive Science Fellowship**,*Northwestern University*
Ph.D. research fellowship

INVITATIONS

2023 **THRI Session**,*Human-Robot Interaction*
Invited to present *Challenges in Designing a Fully Autonomous Socially Assistive Robot for People with Parkinsons Disease*

2021 **PSI Workshop**,*Microsoft Research*
Panelist on Community Engagement

2018 **InfoSocial**,*Northwestern University*
Panelist and Discussant

2017 **Lincoln Employees with Disabilities**,*Lincoln Labs*
Invited talk

2016 **Workshop on Community in Computing**,*ACM*
Invited graduate student representative

2015 **A Study in Chrome: The Ethics of Silverside**,*PAX East*
Invited panel speaker

ADDITIONAL PROFESSIONAL EXPERIENCE

2005-2008 **Senior Software Architect**,*Escher Group*
Designed software solutions for point-of-sales systems for post office across the world, including the United States, Netherlands, and South Africa

2000-2001, 2003-2005 **Software Engineer**,*Pathfinder Solutions*
Developed tools for generating Java code from UML

2002-2003 **Technical Consultant**,*McCormack Institute for Social Policy*
Evaluated homeless management information systems (HMIS) across U.S. & Canada

2001-2002 **Geek**,*TechFoundation*
Consulted on technical projects at non-profit organizations in the Boston area