

JESSICA ANN MINK

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Skills

- Familiar with Perl(Mason), Ruby, C, ML, SQL, Java and others
- Troubleshooting critical systems involving shared code-bases, caching and Oracle databases in time critical situations.
- Industry practices such as requirements gathering, cross team collaboration, code and design reviews, source control, and scrum
- Algorithms design and use, logic, type theory and proofs
- Teaching and mentoring including high school, college and professional settings

Education

- **Carnegie Mellon University**—Pittsburgh, PA
BS in Computer Science, math minor - May 2007

Publications

- *Grace and George: Social Robots at AAI* in AAI Mobile Robot Competition Workshop 2004

Experience

- **Amazon.com**—Seattle, Washington
Software Development Engineer on Third Party Selling Platform: October 2007 - April 2009
 - Performed diverse responsibilities including development, software design, on call duty, and customer interaction
 - Personally developed new functionality, collected user stories, and maintained the user facing help system for all of Amazon.
 - Debugged user-facing events often with CEO level visibility.
 - Project managed a substantial overhaul of Release Manager, the central user facing service in one of Amazon's largest businesses.
 - Wrote utilities to allow technical writers to migrate, import, export and delete data from Amazon's user facing help system.
 - Performed research and initial setup of an automated test system on my own time to reduce the manual testing load on engineers. The project was later recognized and given official funding.
- **Carnegie Mellon University Qatar Campus**—Doha, Qatar
Teaching Assistant: Spring 2006
 - Instigated, designed and led an Introduction to Unix lecture series.
 - Created assignments, graded, answered questions, and led review sessions for Math, Computer Science and Business classes.
- **Pennsylvania Governor's School for the Sciences**—Pittsburgh, PA
Teaching Assistant: Summer 2005, 2006, 2007
 - Taught a year and a half of college level Computer Science curriculum to high school students in five weeks.
 - Advised students on the graceful labeling conjecture, an open problem in graph theory, resulting in publishable progress
- **Naval Research Laboratories**—Washington DC
Programming Technician: Summers 2002-2004, Mentorship 2002
 - Collaborated on diverse Artificial Intelligence problems such as speech understanding, gesture recognition, and some basic machine learning.

Achievements and Activities

- Certified Forest Search And Rescue Volunteer
- Hiked over 1,000 miles on the Appalachian Trail
- Lived in three different countries
- Enjoy botany, backpacking, hiking, gardening, biking, spinning, and knitting.