

Jennifer Schweers

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I design and develop user interfaces, aiming to make users happier.

Skills

proficient familiar

technical **PHP** **SQL** **JavaScript** **Java** **CSS** **ActionScript** **Rails** **Processing**

design **Illustrator** **InDesign** usability testing contextual design **Photoshop**

personal **writing** **public speaking** **marathons** **rowing** **theater**

Experience

July '09-Mar. '10
Pittsburgh, PA

Software Developer

Carnegie Mellon University

- Developed features for StepGreen.org, a website that encourages sustainable living

Aug. '06-May '09
San Jose, CA

Senior Software Engineer

eBay, Inc.

- Designed, developed, and maintained components of eBay's core ad optimization platform, which manages \$250 million annually in marketing spend
- Architected system to move intensive web-based processes offline and distribute over pool of worker machines, drastically reducing load times and browser crashes
- Designed and developed web UI for tool that distributes and manages thousands of jobs daily, lessening support load on development team and enabling involvement of remote support team
- Wrote and tuned SQL queries for a variety of features, primarily in SQL Server
- Built tool to allow legal team tailored access to track legally sensitive keywords
- Designed UI for data feed application that grew to output 5 TB daily
- Led UI efforts for 10-person application development team
- Contributed to tools and processes that streamlined development and release cycle, on team that previously had no formal release process and no version control
- Twice recognized as a top performer within 200-person department

June-Aug. '06
San Jose, CA

Software Engineering Intern

eBay, Inc.

- Mined click data of millions of users, correlating these logs with known behavioral profiles

June-Aug. '05
Lexington, MA

Software Development Intern

IBM-Rational

- Wrote scripts to generate test cases and data

Education

Aug. '09-Aug. '10
Pittsburgh, PA

Master of Human-Computer Interaction

Carnegie Mellon University

- Capstone project: Team redesign of website for the American Institutes of Research

Aug. '02-May '06
Worcester, MA

Bachelor of Science, Computer Science

Worcester Polytechnic Institute

Minors in philosophy, computer engineering

GPA 3.99/4.0

- Senior project "ThirdEye Seer: Sojourner Data Mining Platform"
Team developed web interface and simple query language for a data mining application at eBay, Inc.
- Junior project "Bicycle Theft Prevention in Denmark"
Team planned an RFID-based theft prevention system for the Danish Cycling Federation
- Granted Trustees Scholarship, a four-year, full-tuition scholarship for academic performance
- Awarded Salisbury Prize, given to one outstanding senior in each department
- Awarded Dr. Neil G. Sullivan Memorial scholarship, given to top three computer science juniors
- Awarded fellowship for undergraduate research with database systems research group