Jonathan V. Eldridge

CONTACT
INFORMATION

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WORK
EXPERIENCE

Clever, San Francisco, CA

Software Engineer Intern   *May – August 2014*
As an intern on the ~10-person engineering team, designed, implemented, tested, and shipped a new two-factor authentication experience (CoffeeScript/Node) and a service for tracking the history of German worker jobs (Go). Also wrote and used load testing tools (Python) that led to identifying and implementing optimizations that doubled the number of requests per second the Clever API is able to sustain.

Raphael Lab, Brown University, Providence, RI

Senior Student Research Assistant   *June 2013 – May 2014*
Worked on algorithms for identifying disease-causing genetic variants, analyzed genomic data from thyroid cancer and schizophrenia patients, and developed open-source bioinformatics tools. (Python).

Microsoft Corporation, Redmond, WA

Program Manager, Windows Developer Experience   *September 2012 – May 2013*
Worked on Windows 8.1 features to allow application developers to prefetch content from online services and to improve the reliability of the WinRT runtime.

Program Manager, Windows Live Engineering Platform   *July 2011 – September 2012*
All-up PM owner for the Windows Live service status site, status.live.com. Worked with team of 3 – 6 developers and testers to rebuild the site from the ground up, including improving messaging quality, isolating infrastructure to ensure status site availability, adding extensive QoS and usage instrumentation, and redesigning the site UX. Also served as team instrumentation champ.

Amazon.com, Inc., Seattle, WA

Software Development Engineering Intern, Matching Team   *May – August 2010*
Designed, implemented, and tested a REST service to dynamically serve attribute lists used in processing product submissions from external merchants (Java) and a web application to provide an interface for non-technical users within Amazon to view, modify, and audit changes.

Department of Computer Science, Brown University, Providence, RI

Head Teaching Assistant & Undergraduate Teaching Assistant   *January 2009 – May 2011*
Head and undergraduate teaching assistant for introductory courses in object-oriented programming, scientific computing, discrete structures and probability, and computer systems.

EDUCATION

Brown University, Providence, RI

Master of Science, Computer Science   *September 2013 – December 2014 (expected)*
- Cumulative GPA: 4.0
- Coursework in machine learning, AI, logic, and multiprocessor synchronization

Bachelor of Arts, Computer Science and Science & Society   *September 2007 – May 2011*
- Cumulative GPA: 3.8; CS concentration: 3.9
- Coursework including OOP, algorithms, computational biology, programming languages

PROGRAMMING
PROJECTS

cakehat, Fall 2009 – December 2012
Grader and administrator system for completing and managing grading for Brown CS courses. Wrote original program specifications, worked on team of developers, and coordinated implementation. Written in Java; approx. 40,000 lines of code.

See more projects at www.jveldridge.com/projects.

LEADERSHIP &
VOLUNTEER
EXPERIENCE

Admissions Office, Brown University, Providence, RI

Science Tour Coordinator & Science Tour Guide   **November 2008 – May 2010**
Responsible for recruiting, selecting, and training guides, updating the script, and coordinating with departmental chairs and undergraduate groups.

Office of the Dean of the College, Brown University, Providence, RI

Meiklejohn Peer Advisor   **August 2009 – May 2010**
Peer academic advisor for incoming freshman students.