

Vivian G. Brown

Berkeley, CA • (617) 335-9922 • vivian.brown@gmail.com
Portfolio: vivianbrown.appspot.com • Github: github.com/vbrown608

TECHNICAL SKILLS

Languages: Python; Java; JavaScript; C++

Back-end web development experience: Google App Engine; GQL; Channel API; webapp2 framework; Jinja2; OAuth2

Front-end web development experience: HTML5; CSS3; JavaScript; JQuery

Operating Systems: Mac (UNIX); Windows

Tools: Git; Eclipse; Adobe Creative Suite 6

EDUCATION

Pomona College, Claremont, CA 2007-2011

Bachelor of Arts in Cognitive Science

Minor in Computer Science

Cum Laude, GPA 3.81/4.00

Undergraduate thesis in machine translation

- Identified features of simple sentences based on models of linguistic complexity.
- Working in Java, re-ranked the output of a probabilistic phrase-based translation model using an SVM re-ranker to improve machine translation.

PROFESSIONAL EXPERIENCE

Researcher Forrester Research (May 2013-present)

- Wrote syndicated research on delivery of web and mobile applications, cloud platforms, requirements definition and management, and application development organizations.
- Conducted phone interviews with dozens of senior application development professionals in Fortune 500 IT organizations.
- Performed extensive data work including survey design, data cuts and analysis, and creation of figures for publication.

Senior Research Associate Forrester Research (January 2013-May 2013)

Research Associate Forrester Research (October 2012-January 2013)

- Contributed to digital experience delivery, predictive analytics, and Agile development research.
- Automated team processes in Excel (Visual Basic) and Google Docs (Google App Script) including integration with Salesforce via OAuth2.
- Consistently received excellent feedback from managers and analysts.

Machine Learning Research Assistant to Dr. Xiaoli Fern, Oregon State University (Summer 2010)

- Working in C++, applied predictive analysis and machine learning techniques to bioacoustic data.
- Collected, read, and summarized research on bioacoustic data analysis.
- Summarized research results in a written report and presented at the Grace Hopper Conference for Women in Computing.

Webmaster Department of Cognitive Science and Linguistics, Pomona College (2010-2011)

- Worked with faculty and staff to update the content and design of department website.
- Updated navigation system, restructured faculty profiles, and posted regular updates.

Computer Science Teaching Assistant Department of Computer Science, Pomona College (2010-2011)

- TA for Foundations of Computer Science and Data Structures courses.
- Facilitated programming labs and held weekly office hours to assist with assignments in Java, C++, and SML.