Jessica Gu

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Summary

Software Engineer, working at Google, graduated from UC Berkeley, interested in solving challenging problems

Education

UC Berkeley, B.A Computer Science

- GPA: 3.6
- Relevant Coursework: Compilers, Operating Systems, Database, Algorithms, Data Structures

Work Experience

Google, Software Engineer, Tools and Infrastructue

- Designed and implemented automatic deployment and notifications of releases onto a staging environment

- Led effort to develop specialized E2E test framework ** Created a Selenium Web Page Library tailored to product's frontend ** Create Diff Framework with library to drive traffic to product's backend

UC Berkeley, Teaching Assisstant

- Guided students through the techniques and foundations of computer science
- Developed discussion material and organized class logistics.

Selected Projects

Python Compiler

- Created a compiler for a staticly typed dialect of Python 2.5

Pintos Operating System

- Added features onto a basic operating system: thread synchronization, command-line argument parsing, file system calls.

Key-Value Store

- Wrote a distributed key-value store that uses 2-phase commits to enforce data consistency.

Skills

Languages

Python, C++ ### Technology Vim, Tmux, Git