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YUE (MICHELLE) BU

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Education

University of California, Berkeley 2013 — 3.6 GPA; B.S. Electrical Engineering & Computer Sciences (EECS); minor in Chinese.

Experience

Google Inc, Google Docs Intern

New York, NY, Summer 2012

Worked on the Docs team to implement the ability to paste into tables intuitively in the document editor and to unify this behavior with the presentation editor.

Lab Assistant, Computer Science 61A

Berkeley, CA, 2011-present

Helped 60 students in this entry-level CS class with Python labs.

Graphic Artist, The Daily Californian (<http://www.dailycal.org>)

Berkeley, CA, 2011-present

Used Adobe Photoshop and Illustrator to design weekly infographics that are published in UC Berkeley's independent daily school newspaper. Worked with tight deadlines and standardized procedures.

Skills and Technologies

Javascript, C, C++, Java, Python, Ruby, Scheme, node.js, MongoDB, Android, CSS, HTML.

Leadership Roles

Hackers@Berkeley - Founding/Leadership Team; **Eta Kappa Nu** - Bridge Officer

Selected Projects (michellebu.com/projects, github.com/michellebu)

Mixest (<http://mixest.com>)

Built a crawler that went through indie blogs and scraped mp3s, scraping over 10,000 songs in a night. Built a front end to play those songs, using local storage to remember user favorites and history. 2nd place at Facebook Summer of Hack in NYC. Later built accompanying Android application.

Dropbox++ (<https://github.com/michellebu/hackBox>)

Built a graphical front end for Dropbox in RaphaelJS that showed storage usage and allowed easy browsing and sharing of files and folders.

CS61AS Course Site (demo at <http://strong-sunset-8601.herokuapp.com/>)

Built a fully functional, scalable, and secure NodeJS website for the self-paced introductory computer science course at UC Berkeley.

Decomposition (<http://hack.michellebu.com>)

Winner of the very first Hackers@Berkeley HackJam. A Django-powered productivity tool.

Pyception (<http://freezing-samurai-8808.herokuapp.com/>)

A web application built in Python that parses Python code and relays its information graphically.

Hackers@Berkeley (<http://www.hackersatberkeley.com>)

Created the website for UC Berkeley's hacker club using Facebook API and node.js

Notable Awards

2012

HackJam - 1st place for Table (<http://table.jit.su/map/hackjam>)

Facebook Summer of Hack NYC - 2nd place for Mixest (<http://mixest.com>)

The Big Hack 2 - Dropbox API Prize for Dropbox++ (<https://github.com/michellebu/hackBox>)

2011

Cisco Scholarship - Awarded to applicants who show commitment to both technology and outreach.

Fall Eta Kappa Nu candidate - An honor given to the top 25% of EECS students with junior standing.