

Aleksandr Kamko

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Education

University of California, Berkeley (Fall 2012 – Present)

BS Electrical Engineering and Computer Science, expected May 2016 (GPA: 3.5)

Skills

Proficient in: Python · Java · PHP · Javascript · jQuery · HTML/CSS · Objective-C · git

Experience in: Flask · Node.js · C · SQL/MySQL · mercurial

Exposure to: Ruby · C++ · bash

Experience

Software Engineer @ Facebook Inc. (May 2014 – August 2014)

Worked in the Language Technology team on Machine Translation. Monitored and analyzed out-of-vocabularies (OOVs) in translation requests. Built a web interface to flag and eliminate OOVs.

Undergraduate Student Instructor @ CS61B (Data Structures and Algorithms) (August 2014 – Present)

TA for introductory course at UC Berkeley. I teach two sections, hold office hours, prepare discussion notes, and lead review sessions.

iOS Software Engineer @ Facebook Inc. (July 2013 – August 2013)

Led a team of three in building an iOS application, using SDKs from various services including Facebook, Google Maps, and Parse. Participated enthusiastically in company-held hackathons, building two standalone iOS apps and an HTML5 web app.

Lead Developer @ berkeley.uguru.me (August 2013 – December 2013)

Led Flask backend development for a Berkeley based tutoring startup. Contributed to UI development as well. Oversaw PostgreSQL databases, resolved daily bug reports, and actively developed new features.

Projects

berkeley.uguru.me (Fall 2013)

Developed Flask backend for website using various tools, including Heroku, SQLAlchemy, PostgreSQL, and Mandrill. 500+ users registered while I worked on the site; website continues to receive increasing traffic every day.

Bump (Summer 2013)

iOS and HTML5 app that allows user to add each other on Facebook by bumping their phones together. Uses Heroku as a backend.

Traquest (Summer 2013)

iOS app that adds tracking to Facebook events while respecting user privacy. Uses Parse, Facebook, and Google Maps SDKs. Demonstrated leadership and good team-dynamic in managing a collaboration on a code base with three other engineers

Resistor Reader (Spring 2013)

A user-friendly Android app that easily identifies resistor values. First Android and mobile app project. Available on Google Play for free. Open-source GitHub link: <https://github.com/aykamko/ResistorReader>

Leadership

Innovative Design Web Tier Leader (Fall 2014)

Leading a team of ~10 developers and designers in building web sites and brands for clients.

Innovative Design Community Relations Officer (Fall 2014)

Building relations between Innovative Design and other organizations on the Berkeley campus. Expanding non-profit and charity work for the club.