

# Samuel Halim

2431 Ellsworth St Apt 208, Berkeley, CA, 94704 | (925) 332-9395 | [samuel.halim@berkeley.edu](mailto:samuel.halim@berkeley.edu)  
[www.linkedin.com/in/shalim95](http://www.linkedin.com/in/shalim95) | [www.github.com/samuelhalim](http://www.github.com/samuelhalim) | <https://samuelhalim.github.io>

## EDUCATION

**University of California, Berkeley**

**Berkeley, CA**

**Bachelor of Science, Electrical Engineering and Computer Science**

**Expected Graduation: May 2017**

Relevant Coursework: Efficient Algorithms and Intractable Problems, Artificial Intelligence, Operating Systems and System Programming, Internet Architecture & Protocol, Database Systems, Computer Security, Machine Learning

## TECHNICAL SKILLS

- Proficient in C++, Java, Python, familiar with C, Scheme, Scala
- Knowledge in web development tools and technology (HTML, CSS, jQuery, REST API, Spring MVC, Java Beans, MongoDB, PostgreSQL, SQL, Bootstrap, NodeJS, ReactJS, AngularJS)
- Experienced in using IDE (IntelliJ, XCode) and working in Linux, Windows, and Vagrant environment

## EXPERIENCE

**Blibli.com (PT Global Digital Niaga)**

**Jakarta, Indonesia**

*Software Developer Engineering Intern*

**June 2016 – Aug 2016**

- Worked in a team to develop a new scheduling feature to the existing **Java** codebase that increased performance of main website
- Improved code coverage of Loyalty Java SDK to 96% by using **SonarQube** as a measurement tool
- Founded a way to handle null pointer errors when trying to search certain data over database in **MongoDB**

**UC Berkeley AMP Lab**

**Berkeley, CA**

*Web Developer*

**February 2016 – May 2016**

- Designed an appealing and interacting website **e-mission.eecs.berkeley.edu**
- Remodeled HTML/CSS in the website using **AngularJS** and migrate the old functionality to the new one

**Lawrence Berkeley National Laboratory**

**Berkeley, CA**

*Software Tester*

**January 2015 – May 2015**

- Installed, configured, and tested new hardware and software for Linux
- Development of scripts or programs for automating and monitoring system admin functions and generating reports
- Developed system tools for monitoring, scheduling, allocations, and reports

## PROJECTS

**Loyalty Center**

- Developed a web app for company's internal tools to handle pending point issue and analyze current member data through chart, which implemented using **D3.js** while interning at blibli
- Implemented front end side by using **ReactJS** with **Flux** Application Architecture
- Used **Scala** in the backend to gather data from another server through APIs

**My Manga List Updater**

- Team-based hackathon project to automatically update manga status on myanimelist.net user's profile through chrome extension
- Worked on Background.js to automatically update manga status whenever user reads manga on any website

**Chat Server**

- Created a simple chat server similar to Slack and IRC that allows user to converse in one channel at a time
- Implemented both server and client side using python socket programming API

## LEADERSHIP

**LEADERSHAPE INSTITUTE**

**Berkeley, CA**

*Participant*

**January 2016 – January 2016**

- Attended an intensive six-day leadership development program with 119 other engineering students
- Strengthened skills related to inclusive leadership, group decision making, emotional intelligence, community building, and leading with integrity

**DVC ENGINEERING STUDENT COUNCIL**

**Pleasant Hill, CA**

*Public Relations Chair*

**August 2014 - December 2014**

- Increased attendance turnover by 150% through making a website and Facebook page for the club
- Pioneered Engineering Transfer Day by inviting Dale Masterson (Director of UC Berkeley Engineering Student Services) as a guest speaker to guide / help attendees in improving their college application process