

# LEGENG LIU

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## EDUCATION

**University of California, Berkeley**

Expected Graduation: May 2019

Pursuing B.A. in Computer Science & Economics | GPA: 3.57 (technical)

### Relevant Coursework:

Efficient Algorithms (Concurrent)

Data Structures

Intro to Artificial Intelligence (Concurrent)

Discrete Math & Probability

## PROJECTS

**Front-end web developer, Pioneers in Engineering Robotics**

Dec 2016 – Present

- Maintain cross-platform user interface used to control robots; built with Node.js and packaged with Electron for desktop.
- Build front-end features, such as data display from robot sensors, with React/Redux.

**iOS developer, Syrian United Refugee Fund**

Jul 2016 – Present

- Design and build from scratch a translation application in Swift for nonprofit working on Syrian refugee crisis.
- The app contains English/Arabic text and recordings, organized into decks of flashcards, that can be used in areas with no Internet access.

**Developer, Graphs Package**

Oct 2016 – Nov 2016

- Implemented graphs package with adjacency list structure and path-finding algorithms in Java for Data Structures course.

## EXPERIENCE

**Organizer, Berkeley Builds Hackathon**

Sep 2016 – Present

- Organize annual social impact hackathon that draws more than 100 UC Berkeley students to design solutions for non-profit organizations.
- Contact corporations for sponsorship, plan day-of itinerary and logistics, and manage hackathon website.

**Program Assistant, Blum Center for Developing Economies**

Aug 2015 – Dec 2016

- Designed and implemented outreach strategies for the Center's Big Ideas@Berkeley student innovation competition, which resulted in a record number of more than 300 applications received.
- Coordinated on-campus publicity to ensure maximum exposure of Blum Center programming, including the 2016 Clinton Global Initiative University conference.
- Analyzed Salesforce data collected over multiple years to identify trends in applications and funded projects.

## LANGUAGES

**Strong**

Java, Python

**Proficient**

JavaScript, React, Node, Swift/iOS SDK, HTML, CSS