

# Justin Ma

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## EDUCATION

### University of California Berkeley

College of Letters and Science

BA in Computer Science

Expected Grad. Dec 2018

## SKILLS

### Languages:

Python, Java, Shell Script,  
Ruby, C, Golang

### Frameworks:

Flask, Spring, Rails

### Tools:

Git, Maven, Jenkins  
Docker, Terraform, AWS

## COURSEWORK

Data Structure and Algorithms  
Discrete Mathematics  
Network Architecture & Protocols  
Intro to Artificial Intelligence  
Computer Architecture  
Operating Systems  
Computer Security  
Database Systems

## AWARDS

UC Berkeley Leadership Award  
2015 USAB All American Award  
Hearthstone Collegiates 2nd Place  
6-Time US Jr. National Champion

## EXPERIENCE

### Twitch.tv

Software Engineer Intern

May 2018 – Present

San Francisco, CA

- Migrated Panels framework from Sinatra Ruby to Golang.
- Created dynamic config to bypass build/deploy pipeline.
- Designed new API endpoints for panels management service.
- Integrated AWS PostgreSQL instances for Panels management.

### PayPal

Software Engineer Intern

May 2017 – Aug 2017

San Jose, CA

- Migrated account creation validation framework using Java.
- Monitored regression testing daily on Jenkins to fix defects.
- Modularized all account creation for flexibility and reusability.
- Developed internal APIs for cross-platform teams PayPal.
- Mentored 8 kids through internal "Hour of Code" program.

### Kaazing Corporation

Software Engineer Intern

May 2016 – Aug 2016

San Jose, CA

- Developed security properties for a Gateway service in Java.
- Automated distribution of official releases using shell script.
- Innovated build scripts to allow for smoother release process.
- Added Java support for 3 additional network protocols.

## PROJECTS

### Ship

November 2016

A matchmaking web app built on Ruby on Rails with React.js.

Features include a handmade messaging system using web sockets.

## LEADERSHIP ACTIVITIES

### Cal Badminton President

Aug 2017 - June 2018

- Organized officer team and club for over 100 members.
- Led competitive team to 2 consecutive national titles.
- Managed budget and earned over \$25,000 in one year.
- Set up a National Collegiate League with USAB.

### Charity Badminton Tournament Director

Jan 2014 - Present

- Attract over 500 participants yearly from around the US.
- Work closely with Bay Area community to attract sponsors.
- Donate \$6,000 yearly to the charity "Kids in the Game".