

# ELTON XUE

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## EDUCATION

**University of California,  
Irvine**

Expected June 2019

**B.S. in Computer Science**

Minor in Statistics

**GPA: 3.50**

## SKILLS

### Languages

Python, C++, Javascript, HTML,  
CSS, Java, Swift, x86 Assembly, R

### Frameworks

jQuery, Node.js, ReactJS, Redux,  
ExpressJS, Bootstrap, Google  
Firebase

### Tools

Git + Github, Terminal, Unit  
Testing, Atom, Xcode, Eclipse,  
CLion, R Studios

## COURSEWORK

### Undergraduate

- Intermediate Programming
- Programming in C/C++
- Programming in Java
- Data Structure Implementation & Analysis
- Computer Organization
- Database Management
- Software Engineering
- Requirements Analysis & Engineering
- Data Mining & Machine Learning
- Statistical Methods for Data Analysis

### Other (Udemy)

- The Complete Web Developer's Course 2.0
- iOS 10 & Swift 3 Bootcamp
- Modern React with Redux
- The Complete React Native and Redux Course

## EXPERIENCE

**Software Engineer Intern**

The Portal

**October 2017 - Present**

Irvine, CA

- Creating and designing *Minder* (see projects below)

**Programming Instructor**

iD Tech (Internal Drive Technology)

**May 2017 – September 2017**

San Francisco, CA

- Developed projects in C++ dedicated to lecturing groups of high school students on cryptography and cyber security
- Led daily huddles to discuss efficient teaching methods
- Assisted other instructors in Python and Java courses

**Student Assistant**

UC Irvine School of Medicine

**April 2016 – September 2017**

Irvine, CA

- Troubleshoot hardware and software related issues on technical devices
- Collaborated with program coordinators in organizing medical school events
- Conducted one-on-one orientations with new standardized patient models
- Built a website using Wordpress for the EURO research program

**Web Development Intern**

Circle K International

**April 2016 – December 2016**

Irvine, CA

- Utilized Bootstrap and jQuery to construct a dedicated internship page
- Altered existing HTML/CSS code to fit new content and design requirements on the club's mentorship page

## PROJECTS

**Minder**

**October 2017 - Present**

Social media platform website for connecting mentees with mentors. Implemented visuals with location markers using the Google Maps API. Allowed access to webcam streaming to let users edit their profile pictures. Produced database and server-side scripts using MongooseJS and ExpressJS to store data. Connected users through an invitation system with notification and messaging features.

**ePortfolio**

**September 2017 – Present**

Familiarized myself with web development to build v2 of my website to showcase my skills, experience, and projects. Implemented animation features and smooth scroll transitions upon menu clicks using jQuery. Produced pseudocode for the website layout by making use of the Bootstrap framework.

**Toobular**

**August 2017 – September 2017**

Built an interactive website in ReactJS that utilizes the public YouTube API to simulate video-hosting. Used the Fetch API to collect and parse information from the API. Promoted near-instantaneous searches and scroll features using methods such as debouncing and callbacks.