

# Ryan Keng

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## EXPERIENCE

**Studio Ten 300, Creative Services and Publications, UCSD**, La Jolla, CA  
*Student Web Developer*    Apr 2018 – Present

- \$ Develop using HTML, CSS, and JavaScript for various web properties
- \$ Design and convert mockups into web pages
- \$ Work with staff to create and implement thoughtful, effective, and consistent web interactions
- \$ Flow content into existing websites and electronic invitations

**Web Development, Foxconn Technology Group**, Shenzhen, China  
*Intern*    Jul – Aug 2017

- \$ Developed five webpages with Java EE and Oracle PL/SQL, built on Apache Tomcat server
- \$ Assisted the Java web development team by implementing drag and drop effects and interactive charting to the project
- \$ Coordinated with team development standards and agile software development
- \$ Performed cross-browser testing for functionality and style

## PROJECTS

**UFO vs. Asteroids, UCSD**, La Jolla, CA    Jan – Mar 2018

- \$ Developed a 3D interactive game with C++ and the OpenGL library
- \$ Implemented the following technical features: procedurally generated terrain, collision detection with bounding boxes, particle effect, rim shading, linear fog

**Project0, UCSD**, La Jolla, CA    Jan – Mar 2018

- \$ Developed a front-end web application for startup project recruiting
- \$ Utilized HTML, CSS, and JavaScript, and converted into React with Redux later in the course

**Personal Website**    Nov 2017 – Present

- \$ Portfolio site to showcase work experience, projects, and skills
- \$ Written in HTML, CSS, and JavaScript

**SD Hacks, UCSD**, La Jolla, CA    Oct 2017

- \$ Attempted to build an augmented reality web application that locates where a car is parked
- \$ Implemented geolocation-tracking with HTML Geolocation API, location visualization with Google Maps API, video data streaming with Media Capture and Streams API

**UCSD Flyers, UCSD**, La Jolla, CA    Jan – Mar 2017

- \$ Developed a student organization promotion platform with React and Firebase, built on Node.js
- \$ Coordinated use cases, user stories, and requirements

## EDUCATION

**University of California, San Diego**, La Jolla, CA  
B.S. in Computer Science  
Expected Grad. June 2019

## TECHNICAL SKILLS

### Programming Languages

Java, C, C++, JavaScript, HTML, CSS, Python, PHP, SQL

### Libraries & Frameworks


Bootstrap, jQuery, React, Redux, Node.js, OpenGL

### Tools

Coda, Visual Studio Code, Xcode, Eclipse, Oracle PL/SQL, PostgreSQL, MySQL, Firebase, Git

## LINKS

 Github  
[github.com/rkeng](https://github.com/rkeng)

 Personal Website  
[ryankeng.me](https://ryankeng.me)

 UCSD Flyers  
[ucsd-flyers.firebaseio.com](https://ucsd-flyers.firebaseio.com)

## INTERESTS

Running, Cycling, Gaming