

RYAN KENG

3935 Nobel Drive #100, San Diego, CA 92122 | (619)551-3189 | rkeng@ucsd.edu

Website: <http://www.ryankeng.me/> | Citizenship: United States of America

EDUCATION

University of California, San Diego, La Jolla, CA

B.S. in Computer Science

Expected Graduation June 2019

TECHNICAL SKILLS

Java, C, C++ (OpenGL), JavaScript (jQuery, React), Redux, Firebase, Node.js, HTML, CSS, Bootstrap, Visual Studio Code, Xcode, Eclipse, Oracle PL/SQL, GitHub, PostgreSQL

EXPERIENCE

Web Development, Foxconn Technology Group, Shenzhen, China

Intern

July 2017 – August 2017

- Developed five webpages with Java EE and Oracle PL/SQL, built on Apache Tomcat server
- Assisted the Java web development team by implementing new features to our project, e.g. drag and drop effects and interactive charting
- 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

January 2018 – March 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

January 2018 – March 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

November 2017 – present

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

SD Hacks, UCSD, La Jolla, CA

October 2017

- Attempted to develop 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

January 2017 – March 2017

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

LEADERSHIP

United Taiwanese Association, UCSD, La Jolla, CA

Internal Secretary

May 2016 – May 2017

- Reserved on-campus venues for organization events and classrooms for weekly meetings
- Organized weekly meeting notes and advise fellow officers of their duties