

# Kieran Gregg

ktgregg@dons.usfca.edu | 858-829-4557 | [linkedin.com/in/kierangregg](https://www.linkedin.com/in/kierangregg) | [appstore.com/kierangregg](https://appstore.com/kierangregg)

## Work Experience

### ITS Help Desk Student Lead University of San Francisco | January 2019 - Present

- Hardware and software support to students, faculty, & staff of the University.
- Client facing position, interactions via phone, email, live chat, and in-person.
- Led and trained a team of ~25 student employees.
- Developed filters and sorting processes to reduce average client response and resolution time.

### AV Assistant University of San Francisco | August 2018 – May 2019

- Managed audio and video equipment for the Media Services department.
- Tracked camera and digital file inventory.
- Recorded and edited presentations, speeches, and events throughout the University.

### Cashier The Kebab Shop | San Diego, CA | May 2018 – January 2020

- Provided top notch service to customers at two local restaurant locations.
- Took orders, restocked supplies, balanced registers, closed and opened, aided kitchen staff, and prepared sauces and salads in a fast-paced restaurant environment.

### Software Development Intern Northrop Grumman Corporation | San Diego, CA | January 2018 – June 2018

- Developed a time saving network configuration tool designed for debugging network connections between autonomous aircraft and ground control stations.
- Improved workflow efficiency for network engineers in an office and lab environment.

## Projects

### iOS App Development June 2017 – Present

Published several iOS applications with 15,000+ downloads worldwide. Self-taught XCode/Swift. Created a utility that allows *FIRST* Robotics teams to score their matches live during practice or competition as well as a competition timer.

### FTC Robotics Simulator September 2014 – April 2017

Developed a virtual simulation of the annual FTC (*FIRST* Tech Challenge) competition with Unity/JS/C#. Allowed users to interact with a virtual robot and game elements to simulate a real-world match experience on mobile and desktop platforms. Developed a Virtual Reality edition of the simulator, allowing users to gain a first-person view of a match from the perspective of a driver.

### Syndicate FTC Robotics June 2016 – June 2018

Co-Founder & Captain of a private & independent FTC team. Led team to back-to-back championship titles as the #1 team in San Diego. Competed in two FTC West Championships and the 2018 *FIRST* World Championship. Led team in hardware design/fabrication/assembly and autonomous development in Java.

### Westview Robotics FTC/FRC August 2014 – June 2016

Competed in FTC and FRC. Led FTC mechanical team. Developed experience using CAD for virtual component and assembly design. Mentored local rookie teams 80+ hours per season, teaching CAD and Java.

## Education

### University of San Francisco

San Francisco, California | August 2018 – Present

Seeking B.S. | Computer Science | Dec 2021

- Introduction to Computer Science I & II
- C and Systems Programming
- Data Structures and Algorithms
- Operating Systems
- Programming Language Paradigms
- Calculus and Analytic Geometry
- Discrete Mathematics
- Linear Algebra & Probability

### Westview High School

San Diego, California | August 2014 – June 2018

3.75 Cumulative GPA | AP Scholar with Honor

- AP Computer Science
- AP Statistics & AP Calculus

## Skills & Abilities

### Programming / App Development

XCode / Swift | iOS App Development  
Java / C | Software Development  
Unity / JS / C# | Video Game Development  
Android Studio | Android App Development  
GitHub | Source Code Management & Version Control

### Computer Aided Design

AutoCAD & SketchUp

### Graphic Design

Adobe Creative Suite | Photoshop, Illustrator, Animate, XD

### Professional Skills

Customer Service/Client Relationship | ServiceNow  
Data Visualizations | Tableau