

Kieran Gregg

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Experience

Student Lead

University of San Francisco ITS | 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.

Software Development Intern

Northrop Grumman Corporation | San Diego, CA | Spring 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

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

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.

Education

University of San Francisco

San Francisco, California | B.S. Computer Science | December 2021

Relevant Coursework

- Systems Programming (C)
- Operating Systems (C)
- Computer Architecture (C/Assembly)
- Data Structures and Algorithms (Java)
- Software Development (Java)

Languages & Technologies

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