Christopher **Luafau**

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Skills

- **Languages:** Python · C++ · JavaScript · SQL · HTML · CSS · C#
- **Technology:** Git · Unity · NodeJS · React · MySQL

Experience

PACIFIC LIFE, Aliso Viejo, CA   *May – Aug 2018*
Software Developer Intern
- Increased speed of migration to cloud services by migrating existing VB.NET methods to C# and extrapolating the code into decoupled class helpers (for both the web client and WCF service).
- Created rigorous unit tests for all new code and deployed builds via Team Foundation Server.

PACIFIC LIFE, Aliso Viejo, CA   *May – Aug 2017*
Software Developer Intern
- Developed and deployed new in-house web ASP.NET MVC application using C# and SQL that enhanced consumer product searches by taking misspelled product names entered by users, replacing them with the closest correct product name, and returning the correct results.
- Used Microsoft's SQL Server and SQL Server Management Studio to access and manage databases and designed and implemented SQL stored procedures to query tables in the database and perform CRUD operations on the SQL Server to provide back-end support for the front-end web application.

CSUF PROJECT RAISE, Fullerton, CA   *Aug – Oct. 2017*
Peer Advisor
- Assigned a group of incoming computer science transfer students from community colleges and helped them understand and navigate the STEM transfer process at Cal State Fullerton.
- Met with students weekly to answer questions they had about Cal State Fullerton, offer information about useful services on campus, and help with computer science related homework and projects.

Projects

Develop New Binary Tree Data Structure, Research Project   *Sept. - Jan 2019*
- Worked with a professor to research, develop, and implement a new self-balancing binary search tree that handles re-balancing in a way that is more intuitive and easier to understand for students.

CPSC 332, File Structure and Database Systems Solo Project   *July 2018*
- Used MySQL, PHP, and HTML to develop a web application for teachers that allowed them to manage their courses and keep track of student grades and for students to check their grades as well as course availability.

StudySpace Personal Project   *May 2019*
- Developed a web application that simulated the sounds and visuals of various different environments for the purpose of enabling users to feel like they are studying somewhere else. Technology I used include HTML, CSS, JavaScript, JQuery, Git, and plugins such as Swup, Backstretch, and EasyTimer.

Education

CAL STATE UNIVERSITY, FULLERTON, Fullerton, CA   ***Graduated***: *May 2019*
B.S. Computer Science   ***GPA*** *(cumulative/major): 3.46/3.66*
Honors/Awards: Dean's List – Spring/Fall 2017, Spring/Fall 2018, Spring 2019