CHRISTOPHER **MILLER**

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Recently graduated computer programmer with experience in social skills and project management seeks career in software engineering.

EDUCATION

JUNE 2020 (3.63 GPA)
BACHELOR OF SCIENCE IN COMPUTER SCIENCE,
MINOR IN MATHEMATICS, WESTERN WASHINGTON UNIVERSITY

JUNE 2017
ASSOCIATES IN ARTS AND SCIENCES, EVERETT COMMUNITY COLLEGE
Graduated with distinction

PROJECTS

SEA DISCOVERY TMS: The Task Management System (TMS) ensures the tanks in the Sea Discovery Center Aquarium remain in their optimal temperatures and water levels. As project lead I was the point of contact with our client and was responsible for keeping our team and program on track for all of the deadlines alongside designing and finalizing each aspect. The TMS was created in a group of four utilizing Java, an SQL database, Raspberry PI Zeroes, Python, TCP/IP, Swing (Java).

HUMAN WORKFLOW RESEARCH: Conducted ongoing research under Professor Wesley Deneke related to human workflows. Part of the Virtual campus project; design and creation of a 3D representation of the school campus for the purposes of A.I. and machine learning for recognizing human behavior and activities. Work was done in Unity and Blender, along with VR integration.

CHATUP: Android mobile application that utilizes a custom database to create a chat room only usable by currently enrolled students in a given university class. The project was implemented in a group of three using Android Studio, Java, SQLite, JSON files, and our own chat room.

WORD-GAME: Two player client-server based game similar to Scrabble that generates letters that the players use to submit a word. Implemented as a part of a team of two in C using Git and socket API's to establish a network.

CODE QUEST: Turn-based role playing game utilizing GUI created by a team of three in Java and Git, developed as a submission in a 24-hour hackathon event, winner of "People's Choice" award.

JACOBI: Program that implements the Jacobi algorithm to produce a matrix of data. The program utilizes variable multi-thread support to display speedup/slowdown of processes, created in a two-person group using C, Git.

SKILLS

• C (Expert) • Java (Expert) • C++ (Fluent) • JavaScript (Prior experience) • Python (Prior experience) • Git (Proficient) • SQL/ MySQL • JSON • Assembly • Android Studio • Unity • Blender • GNU Debugger • JDBC • OOP • Windows OS • Linux OS • HTML / CSS (Learning)

EXPERIENCE

2020
CS MENTOR, WESTERN WASHINGTON UNIVERSITY
+Mentored students in the computer science program. + Helped walk through code and debug programs, ensuring understanding of concepts.