Jonathan Xu

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Technical Skills

Languages: MIPS Assembly, Java, C, C++, HTML, CSS, JavaScript, VHDL, Qt, Go, Scheme

Operating Systems: Windows, Linux

Software: CLion, Eclipse, Git, JGrasp, PSoc Creator, Qt, QtSpim

Other: Certified Microsoft Office Specialist: Excel Associate

Computer Proficiency: Over 100 wpm and can debug almost any problem

Personal Skills

Leadership Experience: Coordinated and provided instruction to classmates in a group project, earning an A

Quick Learner: Ability to easily pick up new languages and follow unfamiliar instructions

Education

Seattle Pacific University   2019 – Current
Bachelor of Science in Computer Science

University of Washington Summer Program   2016 – 2018
Earned 14 credits in computer science-related courses

Work Experience

Personal Tutor   2018 – 2019
Taught AP Computer Science A to a student with no previous background in programming, allowing them to receive perfect scores on the exam

Northwest Chinese School Assistant Teacher   2017 – 2019
Helped teach Introduction to Java to 20 middle and high school students. Graded and created homework and tests, edited slides, helped with lectures

Projects

FOWBA System Proposal and System Specification   2021
A 62-page document completely analyzing the possibilities and requirements of a possible and highly profitable project

World Chronicle   2020
A file organization, viewing, and creation app made for storing and manipulating rich text with a custom designed UI

Grand Library   2020
A database capable of searching and storing any book by name, author, and ISBN

Home and Office Dashboard App   2019
A dashboard app that shows the weather, time, and a map of any location

Awards

Wellspring Kennedy Scholarship   2021
SPU President's Scholar Award   2019
AP Scholar with Distinction   2018

Relevant Courses

- Advanced Computer Architecture
- Applications Programming
- Computer Organization and Assembly Language
- Concepts of Programming Languages
- Data Structures
- Microcontroller System Design
- Netcentric Computing
- Statistics
- Systems Design