

Jonathan Xu

(425) 525-8158 | xuj4@spu.edu | Issaquah, WA
Linkedin.com/in/jonathanxu4/ | Jonathanxu4.github.io/

Technical Profile

- Proficient with C++, Java, Azure, SQL, Python, data structures and algorithms
- Very quick learner capable of programming in new languages within hours
- Hardworking US citizen with strong communication and teamwork skills

Education

2019 – 2023 Bachelor of Science in Computer Science, Department of Engineering,
Seattle Pacific University, Seattle, WA. GPA 3.7/4.0

Work Experience

2022 – 2022 Lab Assistant
Helped students with debugging across all CS-related courses

2022 – 2022 idTech Instructor
Taught courses in Java, JavaScript, Python, and more.

2018 – 2022 Java Personal Tutor
Taught Java to 3 students with no programming experience; all achieved perfect scores on the AP Computer Science A exam

2017 – 2019 Assistant Teacher, Teaching Introduction to Java at NW Chinese School

Technical Experience

Microsoft Certified: Azure AI Engineer Associate (2023)

- Proficient in Azure cognitive services and computer vision
- Implemented conversational AI, natural language, and voice synthesis
- Knowledge of Azure OpenAI and knowledge mining techniques

Full-stack Developer, Gourmacracy Web Application-A Universal Restaurant App (2022)

- Accessible user interface with navigation bar and account management
- Secure database for menu management and credit-card processing
- Fully operational shopping cart and purchase history

Visual Graph Programmer, Course Flow-Course Sequencing Diagram (2022)

- Reads a text file of courses and constructs an ordered course sequence diagram
- Creates an easy-to-follow diagram of optimal courses to be taken each quarter
- Changes output based on number of credits, starting quarter, and prerequisites

Application Programmer, World Chronicle-File Organization and Word Processor (2020)

- Desktop application with a wide array of different themes and customizable UI
- Allows rich-text editing, image hosting, and various editable layouts

Awards

2019 – Current Seattle Pacific University President's Scholarship Award

2020 – Current Seattle Pacific University Dean's List

2019 Washington State Honors Award