

Jonathan Xu

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Technical Profile

- Third year BS Computer Science student with President's Scholarship Award
- Proficient with Java programming, data structures and algorithms
- Experience with C, C++, Python, HTML/CSS, JavaScript, SQL, Prolog, Scheme, Qt
- Skilled at backend technologies and technical document writing
- Hardworking US citizen with strong communication and teamwork skills

Education

- 2019 – Present** Bachelor of Science in Computer Science, Department of Engineering, Seattle Pacific University, Seattle, WA. GPA 3.6/4.0
- 2016 – 2018** High School Student Summer Program, University of Washington
Courses Taken: CSE 142-Java I, CSE 143-Java II, CSE 373-Data Structures

Work Experience

- 2018 – Present** 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

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

Technical Document Writer, FOWBA Web Application System Specification (2021)

- A 62-page series of documents fully evaluating a project's feasibility
- Analyzes functional and non-functional requirements, profitability, costs, and design constraints
- Designed use-cases and structural model metadata
- Wrote full documentation for a database project proposal

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
- 2018** AP Scholar with Distinction