

# Jonathan Xu

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## Technical Profile

- Fourth year BS Computer Science student with President's Scholarship Award
- Proficient with C++, C, Azure, Java, 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 – Present** Bachelor of Science in Computer Science, Department of Engineering, Seattle Pacific University, Seattle, WA. GPA 3.7/4.0

**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

**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

**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

**2018** AP Scholar with Distinction