

William Wu

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EDUCATION

University of California San Diego

Oct 2020 – Jun 2024

- B.S. in Computer Science; cumulative GPA 4.00
- Coursework: Object-Oriented Programming, Data Structures, Software Tools/Techniques

Amador Valley High School

Aug 2016 – May 2020

- GPA: 4.44 weighted, 4.00 unweighted
 - Earned every possible point on the 2018 AP Computer Science A exam
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SKILLS

Java • Python • C# • Objective-C • Swift • JavaScript • HTML/CSS • TypeScript • Ruby on Rails • Git • Bash • MongoDB • Express • React • Node.js • Ionic • Jest • JUnit • Xcode • Unity • Blender

EXPERIENCE

Triton Software Engineering | Developer

Nov 2020 – present

- Building a web app with JavaScript, React, and MongoDB for Feeding San Diego to facilitate staff's management of large amounts of data.
- Triton Software Engineering is a student organization that develops software pro bono for social good.

ACES Academic Enrichment Center | Instructor

Jun 2020 – Jul 2020

- Taught three intermediate Python courses for 40+ young students using my own lesson plans, sparking interest in the field of computer science and software engineering.

CipherHealth | Software Development Intern

Jun 2019

- Wrote unit tests in Ruby on Rails for a hospital-patient engagement service, on an agile workflow.
 - Performed QA testing with Jira and reported new bugs.
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PROJECTS

UC San Diego Course Grapher

Work in progress

- Developing a student planning tool which parses my university's course catalog and visualizes the prerequisites for each course.

Snake, Cubed

May 2020

- Developed a 3D augmented-reality version of the snake game from scratch, using C# and the Unity game engine.

Copy Better

Apr 2019 (updated Oct 2020)

- Designed and built a clipboard-extension utility app from scratch, using Swift and Xcode.
- 4,000+ downloads and 66,000+ user sessions since initial release.

Math Keeper+

Jul 2017

- Designed and built a customizable math formula study app from scratch, using Objective-C and Xcode.
- 4,000+ downloads on the App Store.