

Timothy Chu

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EDUCATION

University of Maryland, College Park | Honors College | B.S. Computer Science Expected May 2024

- GPA: 3.96
- Coursework: Compilers, Data Structures, Algorithms, Programming Languages, Data Science, Computer Systems, Discrete Structures, Object Oriented Programming I & II, Applied Probability & Statistics, Linear Algebra, Calculus I & II
- Scholarships: National Merit and UMD Presidential

WORK EXPERIENCE

Volety | Software Development Intern May '23 – Ongoing

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University of Maryland | CMSC330 (Programming Languages) Teaching Assistant Jan '23 – Ongoing

- Held office hours to assist students with questions about projects and course content
- Wrote and graded quizzes and exams

Chinese Bible Church of MD | Software Development Intern Jun '20 – Jul '20

- Designed and developed a mobile game in Unity and deployed working beta to an iPhone with Xcode
- Updated the Church's authentication app on the Google Play Store
- Assisted in Sunday service livestream operations and fixing the Church's networking issues

CAPA iTech | Team Lead Feb '19 – Sep '20

- Coordinated a team of tech support volunteers and English teachers at a local senior center
- Organized Zoom classes for seniors to learn basic English grammar and vocabulary
- Provided weekly tech support to Chinese-speaking seniors

PROJECTS

JConverter

- Built a GUI-based offline application that utilizes the Java Open Document library to convert file formats
- App provides file conversion and features for searching and editing text from converted documents

Space Shooter Game

- Built a mobile asteroids game in Unity deployed to an iPhone
- Designed and implemented game logic with C#

Personal Website

- Designed and built a personal website with React.js

SMP Minecraft Server

- Hosted Minecraft server on a Linux server for up to 10 friends to play
- Utilized command line skills to install, maintain, and upgrade server with plugins

SKILLS

- Programming: Java, C, Python, Racket, Linux command line, HTML/CSS, Git
- Video Editing: Davinci Resolve
 - 1000+ subscribers on YouTube, videos collectively generate 1M+ views
- Drone Piloting: UAS4STEM East Coast Champions
- Mandarin: TOCFL B2 Certification

INTERESTS

- Running, Video Editing, Biking, Drawing, Aquariums