Timothy Chu

timchu2002@gmail.com | (908)-992-9488 | linkedin.com/in/timchu2002 | github.com/pepsivstim | timchu.org

EDUCATION

University of Maryland, College Park | Honors College **|** B.S. Computer Science   Expected May 2024
- GPA: 3.96
- Coursework: 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

Chinese Bible Church of MD | Software Development Intern   Jun '19 – Jul '19, 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 iTeach | 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

Private SAT Tutor | Tutor   Jul '22 – Aug '22
- Prepared two high school students for the SAT college entrance exam
- Spent two hours a day for six weeks teaching the reading, language, and math sections
- Improved each student's SAT score by over 150 points on mock exams

University of Maryland | Grader   Sep '22 - Ongoing
- Grader for AOSC200/AOSC201 (Weather and Climate) classes

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
- Designing and building 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, Linux command line, HTML/CSS, Git
- Video Editing: Davinci Resolve
  - 650 subscribers on YouTube, videos collectively generate 700k+ views
- Drone Piloting: UAS4STEM East Coast Champions
- Mandarin: TOCFL B2 Certification

INTERESTS

- Running, Video Editing, Biking, Drawing, Aquariums