

Tianyi Zheng

✉ tianyizheng02@gmail.com ☎ (949) 656-5008 📄 tianyizheng02.github.io
🌐 linkedin.com/in/tianyizheng02 🐙 github.com/tianyizheng02

Education

University of Pittsburgh, Pittsburgh, PA Aug 2020 - Apr 2024
B.S. Computer Science GPA: 3.69/4.0
• Relevant Coursework: Algorithms, Data Structures, Systems Software, Computer Organization, Theoretical Computation, Discrete Structures, Calculus 1/2/3, Statistics

Tesoro High School, Rancho Santa Margarita, CA Aug 2016 - Jun 2020
High School Diploma GPA: 4.53/4.0
• Graduated in top 10% of graduating class

Experience

University of Pittsburgh, Pittsburgh, PA Jan 2021 - Present
Undergraduate Teaching Assistant — CS 0441 (Discrete Structures for CS)
• Led weekly recitations to review lecture topics and go over practice problems
• Held weekly office hours to provide additional support outside of class

Projects

patientPrep (HTML, SASS, TypeScript, Ionic, AngularJS) **GitHub:** [git.io/JkvQ4](https://github.com/tianyizheng02/patientPrep)
• Prototyped a health literacy app with a team for The Pitt Challenge hackathon
• Learned mobile front-end development using JavaScript frameworks
• Implemented user interface and basic app functionalities

PeopleSoftBot (Python, PittAPI)
• Developed a Discord bot that retrieves data from Pitt's student information system
• Learned web scraping and HTTP requests using Python
• Provided Pitt students with convenient access to course information

Huffman Coding (C++)
• Implemented a Huffman coding algorithm to compress text files
• Learned file I/O and bit manipulation in C++
• Compressed text files by up to 40%

Skills

Languages: C++, Python, Java, HTML/CSS **Technologies:** Git/GitHub, LaTeX, Vim

Activities

The Pitt Challenge Hackathon — 1st Place in Mobile Health Records Oct 2020

Kappa Theta Pi (Professional Technology Fraternity) Sep 2020 - Present

Pitt Computer Science Club Aug 2020 - Present

Society for Asian Scientists and Engineers Aug 2020 - Present