Jeremy Wang

wangjeremy2000@gmail.com || 510-648-8097 || US Citizen || github.com/tomatocat

EDUCATION
Carnegie Mellon University, Pittsburgh PA
Bachelor of Science in Computer Science, May 2022   GPA 3.93/4.0
Mission San Jose High School, Fremont CA
Diploma, June 2018   GPA 3.95/4.0
University of California, Berkeley, Berkeley CA
Structure and Interpretation of Computer Programs, Summer 2018   GPA 4.0/4.0

COURSEWORK
*Parallel and Sequential Data Algorithms
*Principles of Software Construction
*Introduction to Machine Learning
*Introduction to Computer Systems
*Great Ideas in Theoretical Computer Science

PROJECTS
*Created fully-functioning board game (Carcassonne) in Java, complete with GUI
*Spent time over 2018 winter break creating a Discord (chat client) bot with node.js and Sequelize, hosted with Amazon AWS. This bot gives users virtual coins based on how many messages they send, and users may purchase virtual goodies with these coins.
*Created an Android location-based marketplace app using Google Maps API and Firebase during TartanHacks 2019
*Used the Huffman algorithm to write a file compression program based on character frequency

EXPERIENCE
Teaching Assistant   Spring 2020
*Led recitations and created new homework assignments for Principles of Software Construction
Research Assistant   Fall 2019
*Worked on an iOS app using React Native and MongoDB under CMU's Human-Computer Interaction Institute to study using technology to enhance providing early-stage design feedback
Personal Tutor   2015-2019
*Provided problems and constructive feedback about math and physics for high school students

ACTIVITIES
CMU Artist Alley Club (treasurer)   2019-present
*Bought art supplies and kept track of the budget
*Made promotional art as part of the board of ScottyCon, CMU's annual anime convention

TSA TEAMS (A-team member)   Spring 2018
*Applied the provided formulas to problems with real-world applications, made nationals

HONORS/AWARDS
CMU School of Computer Science Dean's List, Fall 2018, Spring 2019, and Fall 2019;
National Honors Society, 2018; National Merit Semifinalist, 2017; AP Scholar with Distinction, 2017

TECHNICAL SKILLS
C – Python – SML - Java – Javascript/HTML5/CSS – React – LaTeX