Adam Wang

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Education

University of Washington, Seattle	GPA: 3.90/4.0	Expected Graduation 2023

Computer Science – Data Science Major at the Paul G. Allen School

Relevant courses: Data Structures and Parallelism, Intro to Algorithms, Hardware/Software Interface, Software Design & Implementation, Systems Programming, Data Visualization, Intro to Data Management, Foundations of Computing I/II, Data Science Foundations, Calculus with Analytic Geometry III

Proficient Languages: Java   **Other:** Python, R, JavaScript, ReactJS, C, C++, Git, Gitlab

Newport High School, Bellevue, WA	GPA: 3.96/4.0	Graduated 2020

Projects

Eve – Azure Speech Dictation & TTS   Aug 2021 – Oct 2021
- Implemented speech diction and TTS for my personal desktop assistant; can opening programs, performing web searches, switching windows, locking computer, and self-termination/restart

Clothing Neural Network – Machine Learning, TensorFlow   Sep 2021
- Created a neural network that categorizes clothes; improved it to successfully process online images

Conway's Game of Life – ReactJS   Aug 2021
- Constructed the zero-player cellular automaton; explored the concept of Turing complete and undecidability

Facial Recognition & Foreground Processing – Python OpenCV   Jul 2021
- Experimented with lighting, angles, and obstruction for facial recognition and foreground detection capabilities

Arcade Games – Python, ReactJS   Jul 2021 – Aug 2021
- Recreated games like Mine Sweeper, BMTron, Pong, and Tic-Tac-Toe, with optional computer opponents
- Deployed static web applications on Azure

Personal Website – HTML/CSS, JavaScript   Jul 2021 – Aug 2021
- Learned to build responsive webpages from scratch; contains on-page navigation, parallax, interactive dropdowns

Shoot the Moon – Java, HTML/CSS, JavaScript   Nov 2020 – Dec 2020
- Built a web app that calculates the ideal location to photograph the moon and a tall landmark together using the landmark location and lunar orbit

Experience

Private Tutor   Jun 2019 – Present
- Taught middle and high school students AP Calculus, AP Physics, AP Chemistry, and other courses
- Worked with parents to help students with long term academic planning and schedule management

Freelance Photographer   Apr 2019 – Present
- Photographed group and individual events including prom, senior portraits

Tyee Middle School Math Club Coach   Sep 2017– Jun 2020
- Taught competition math to a class of middle school students
- Gave weekly lectures and wrote problem sets to prepare them for regional and national competitions
- Communicated with school district staff and parents about logistics and events

Abercrombie & Fitch Brand Representative   Jul 2019 – Feb 2020
- Promoted sales, gained customer service, communication, and time management skills in a professional setting

Newport High School Rocketry Club   Sep 2018 – Jun 2020
- Leadership team: maintained inventory and ensured accessibility to crucial materials for meetings/launches
- National Finalist, The American Rocketry Challenge

Evergreen Health Hospital Volunteer   May 2019 – Dec 2019
- Transported patients, performed lab runs, assisted medical staff, guided visitors, operated the information desk