

# Adam Wang

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## Education

<b>University of Washington, Seattle</b>	GPA: 3.92/4.0	Expected Graduation: Jun 2023
<b>Computer Science – Data Science Major</b>		
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		
<b>Proficient Languages:</b> Java	<b>Other:</b> Python, R, JavaScript, ReactJS, C, C++, Git, Gitlab, Shiny	
Newport High School, Bellevue, WA	GPA: 3.96/4.0	Graduated 2020

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## Projects

<b>Fruity Stats</b> – ReactJS, REST APIs	Dec 2021
- Learned to use REST APIs with React; built a web app that retrieves fruit information on based search query	
<b>Eve</b> – Azure Speech Dictation & Text-to-Speech	Aug 2021 – Oct 2021
- Implemented speech diction and TTS for my personal desktop assistant; can open programs, perform web searches, switch windows, lock computer, and self-termination/restart	
<b>Clothing Identifier</b> – Machine Learning, TensorFlow	Sep 2021
- Created a neural network that categorizes clothes; improved it to successfully process online images	
<b>Facial Recognition &amp; Foreground Processing</b> – Python OpenCV	Jul 2021
- Experimented with lighting, angles, and obstruction for facial recognition and foreground detection capabilities	
<b>Arcade Games</b> – Python, ReactJS	Jul 2021 – Aug 2021
- Recreated games like Mine Sweeper, Pong, and Tic-Tac-Toe, with optional computer opponents	
- Deployed static web applications on Azure	
<b>Personal Website</b> – HTML/CSS, JavaScript	Jul 2021 – Aug 2021
- Learned to build responsive webpages from scratch; contains on-page navigation, parallax, interactive dropdowns	
<b>Shoot the Moon</b> – Java, 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	

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## Experience

<b>Private Tutor</b> , Remote	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	
<b>Freelance Photographer</b> , Seattle, WA	Apr 2019 – Present
- Photographed group and individual events including prom, senior portraits, personal photoshoots	
<b>Math Club Coach</b> , Tyee Middle School, Bellevue, WA	Sep 2017– Jun 2020
- Taught competition math to a class of roughly 20 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	
<b>Brand Representative</b> , Abercrombie & Fitch, Bellevue, WA	Jul 2019 – Feb 2020
- Promoted sales, improved customer service, communication, and multi-tasking skills in a professional setting	
<b>Rocketry Club Leadership Team</b> , Newport High School, Bellevue, WA	Sep 2018 – Jun 2020
- Maintained inventory and ensured accessibility to crucial materials for meetings and launches	
- National Finalist, The American Rocketry Challenge	
<b>Hospital Volunteer</b> , Evergreen Health, Kirkland, WA	May 2019 – Dec 2019
- Transported patients, performed lab runs, assisted medical staff, guided visitors, operated the information desk	