

# ANDREW WANG

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## EDUCATION

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### Carnegie Mellon University

Graduating May 2024

B.S. - Computer Science, Statistics & Machine Learning

- Cumulative GPA: 4.00/4.00
- Coursework: Concepts of Mathematics, Principles of Imperative Computation
- SAT: 1580 (780 RW, 800 M)

### West Valley College

Aug 2019 - Jun 2020

High School Concurrent Enrollment - Mathematics

- Coursework: Multivariable Calculus, Differential Equations, Linear Algebra

## SKILLS

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### Programming Language

Python, Java, C++, JavaScript, HTML, CSS, Flask, Octave  
English (fluent), Spanish (intermediate), Mandarin Chinese (intermediate)

## EXPERIENCE

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### Summer Extern - AT&T

Jun 2020 - Jul 2020

- Certificate program with a focus on business acumen and mobile technology
- Became familiarized with the applications of machine learning and AI in telecommunications
- Developed interpersonal skills necessary to succeed in diverse, collaborative environments

### Mathematics Instructor - Homestead Academic Center

Sep 2017 - Mar 2020

- Coordinated with other instructors in teaching biweekly math classes to high school students
- Developed detailed lessons on math topics ranging from number theory to differential calculus
- Counseled and created plans to help students achieve their academic goals

## PROJECTS

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### Pathfinding Algorithms

- Visualization of various path finding algorithms within a two dimensional maze
- Algorithms comprise A\*, Bidirectional Dijkstra's, BFS, etc
- Minimalistic website allowing users to navigate through a collection of pathfinding algorithms

### The Last Mile for E-Commerce

- Research paper exploring potential solutions to the "Last Mile" problem in e-commerce
- Analyzed and interpreted data on the efficiencies of hydrogen fuel cells and EV batteries
- Overseen by Susan Handy: Professor of Environmental Science and Policy at UC Davis

## LICENSES AND CERTIFICATIONS

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### Machine Learning

Coursera - May 2020

### Introduction to TensorFlow for Machine Learning

Coursera - Mar 2020