

Alan Wen

Email: alanwn@umich.edu | LinkedIn: [linkedin.com/in/alanwn/](https://www.linkedin.com/in/alanwn/) | Github: github.com/alanw3n | Website: alanwn.me

EDUCATION

University of Michigan - Ann Arbor

Expected Graduation: April 2023

Bachelor of Science in Computer Science

GPA: 3.76

Relevant Coursework: Programming and Introductory Data Structures, Introduction to Statistics and Data Analysis, Discrete Mathematics, Calculus I, Calculus II.

SKILLS

- Technical Skills: C++, HTML, CSS, Python, Java
- Languages: Bilingual in English and Mandarin

PROJECTS

League of Legends Web Scraping/Data Analysis

Github: <https://git.io/JJnXm>

- Used Python's BeautifulSoup package to scrape champion statistics from the web and recorded it in a csv file.
- Visualized and analyzed data with graphs such as linear regression using pandas and matplotlib in Jupyter Notebook

Piazza Post Classifier

Private Repo

- Created a classifier using C++ that predicts appropriate directories for Piazza posts using Conditional Probability, Bayes Theorem, Bag of Words Model, and Logarithmic Probabilities.
- The program was trained on 11,400 posts from students in the 2014-2015 semesters and tested on 2988 posts from the 2016 semester with 88%(2602/2988 posts) accuracy.

Personal Website

Github: <https://git.io/JJnXs>

- Created a responsive personal website using HTML, CSS, Bootstrap, and JQuery

WORK EXPERIENCE

C-Prep — Mathematics Tutor

New York, NY - September 2018 - January 2019

- Reviewed Algebra I concepts with 9th grade students one-on-one after school.
- Helped a student achieve over 97% average in the class

CAPA Summer Camp @P.S.120 — Teacher's Assistant

New York, NY - July 2018 - August 2018

- Reviewed math and reading material with students one-on-one and in small groups.
- Helped the teacher with taking attendance, grading homework and exams.
- Helped enforce classroom rules and teach students proper behavior.

Little Sweet Angels Preschool Learning Center — Summer Camp Staff

New York, NY - July 2017 - August 2017

- Taught students arts and crafts such as origami
- Helped monitor students on school trips