

Alex Zhang

University of Michigan | CSE, BBA Class of 2024
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EDUCATION

University of Michigan, College of Literature, Science, and the Arts

Bachelors of Science in Computer Science; GPA: 3.9

Courses: Computer Organization, Data Structures and Algorithms, Computational Theory, Linear Algebra, Discrete Mathematics

Ann Arbor, MI

Sep. 2020 – May. 2024

University of Michigan Ross School of Business

Bachelors of Business Administration; GPA: 3.9

Courses: Managerial and Financial Accounting, Business Statistics, Supply Chain Management

Ann Arbor, MI

Sep. 2020 – May. 2024

EXPERIENCE

Technical Course Projects

Log Entries Manager

- Implemented a log file management system that supports efficient sorting, appending, erasure, and search functions by hash mapping. Enables developers to quickly traverse and identify relevant log files for analysis and management.

Forum Post Classifier

- Constructed an NLP machine learning program to classify forum posts using binary search tree implementation.

Flight Network Map

- Implementation of TSP branch and bound heuristics to efficiently calculate lowest-cost paths for a variety of criteria. Given a set of direct non-stop flights, shortest distances, minimum hops, and costs are computed in simulation of an airline's flight network map.

Independent Front-end Development

Personal Website

- Created a multi-page personal portfolio website with Javascript, CSS, HTML

March. 2022 – Present

Professional Experience

Bashpole Software

Internal Processes Intern

- Interfaced software team on project pipeline, enabling effective coordination of tasks and deliverables between product and market departments. Performed research and helped construct CIM for investors, compiling company financial data into an external deliverable

May. 2021 – Oct. 2021

PROGRAMMING SKILLS

Languages: C++, C, Python; Javascript, CSS, HTML

Technologies: Git, Ubuntu Linux

ACTIVITIES

Michigan Pops

Executive Board Member

March. 2022 – Present

Chinese Student Organization, Banking at Michigan

Member

Additional: Classical violinist. Enthusiast for long bike rides, all things music, and a good game of poker!