

# Kevin Zhao

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## EDUCATION

**University of Michigan — Ann Arbor, Michigan**

2022 May

B.S.E. in Computer Science with Minor in Economics

GPA: 3.5/4.0

- **Awards:** Deans Honor List for F18, W19, F19

Major GPA: 3.6/4.0

- **Courses:** Data Structures & Algorithms, Machine Learning, Foundations of CS, Data Visualization

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## EXPERIENCE AND RESEARCH

**Software DevOps Engineer | Meijer — in Grand Rapids, MI**

2020 May — August

- Worked with Microsoft Coretek to create a configurable script, automating agile development tasks.
- Added Azure Artifact and CLI task to streamline software testing and deployment by 40%.
- Consulted cross-team developers to test and integrate shell functions into development pipeline.
- Presented to CTO/CEO on the improved development cycle of creating new point of sales software.

**Software Engineer | UM Research Institute — in Ann Arbor, MI**

2019 May — November

- Developed University Hospital site using 5000+ points of real-time car crash data, a google maps API, and crossfilter svg charts, allowing doctors to monitor trends of accidents across Michigan.
  - Decreased runtime by refactoring 1700+ lines of code while keeping the same functionality.
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## PROJECTS

**Pathfinding Visualizer — React, JS, Algorithms**

2020 May — June

- Implemented Dijkstra's, Greedy, and DFS/BFS in an interactive UI using React. Users can create complex mazes, draw and remove walls, and visualize searches in a custom created JavaScript queue.

**Mission Control Center | CLAWS @ UM — Python, JS, Hololens**

2019 Sept. — 2020 May

- Created a webserver and database for a mixed reality application aimed to help astronauts during their extra-vehicular activities by tracking pulse rates as well as storing mission information.

**Wolverine-DM — Python, Django, JS, AWS (S3)**

2020 February — June

- Used SQL, databases, QuerySet API to build a platform allowing users to interact with others through creating posts, commenting, reacting, and direct messaging.
  - Implemented cloud image storage on AWS and password reset functionality through email hosting.
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## ADDITIONAL INFORMATION

**Languages:** C++, Python, Django, JavaScript [Crossfilter, d3], React (hooks, states), C

**Software:** Azure/Agile, Postman, AWS (S3), Git, Wordpress, Web Dev [HTML/CSS/SCSS]

**Interests:** Friends and The Office, Basketball, Chess, Poker, Warriors, Go Blue!