

UMA IYER

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EDUCATION / SKILLS

University of Michigan Ann Arbor '26 | Majors: Data Science and Economics | GPA: 3.385

Courses: Data Structures & Algorithms, Macro and Micro Economics, Statistics, Linear Algebra

Skills: C++, Python, Machine Learning, Excel, Git, Linux, PyTorch, SQL

PROJECTS

Piazza Machine Learning

April 2023

- Built office hours queue web server with container ADTs, dynamic memory, and linked lists.
- Implemented REST API for user interaction, facilitating signup through browser interface.
- Utilized C++ for efficient memory management and HTTP protocol handling.

NHANES Data Analysis | Michigan Data Science Project Team

April 2023

- Applied ML techniques to CDC survey data, exploring Sleep Disorders-Vitamin C relationship.
- Engineered predictive model to assess individuals' likelihood of reporting sleeping troubles.
- Mitigated dataset skewness, impacting model accuracy due to unbalanced data

Elevators

December 2022

- JP Morgan Grand Prize winner for an efficient algorithm and memorable presentation.
- Engineered an optimization algorithm for efficient movement and servicing requests.
- Improved elevator response time by targeting floors and real-time decision making.

ORGANIZATIONS

Michigan Data Science Team | VP Finance

May 2024 - Present

- Act as an authorized signer and oversee financial matters and supervise the MDST budget
- Arrange catering for all club meetings and facilitate reimbursements as needed
- Collaborate with the VP External and External Operations Committee to administer funding

Michigan Data Science Team | Social Media Manager

January 2024 - May 2024

- Create and execute social media campaigns that align with the club's goals and objectives.
- Engage with followers on social media, including responding to comments and questions.
- Build relationships with sponsors and help to promote the club on social media.

PROFESSIONAL EXPERIENCE

Independent College Counselor | Assistant

May 2022-Present | Remote

- Provide technical support and organizational system to keep track of deadlines and essays
- Research college acceptance and application data and make presentations for the clients

Remington Park Dental | Dental Assistant / Secretary

Jun 2022 - Aug 2022 | Sunnyvale, CA

- Managed front office operations including appointment scheduling and patient interactions.
- Worked with insurance companies to resolve claims and breakdown benefits

YWCA Golden Gate Silicon Valley | Research Intern

Jun 2019 - Aug 2019 | San Jose, CA

- Conducted research on government representation on the base of gender and race.
- Created a report using data collected through interviews and gray literature.
- Organized and designed a pin campaign for the 100th anniversary of women's suffrage.