Austin D. Ye

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ACADEMIC HISTORY

University of Michigan, Ann Arbor, MI   May 2022(*Expected*)

    Bachelor of Science and Engineering, Data Science
    Relevant Coursework: Programming Data Structures and Algorithms, Intro
    to Computer Organization/Architecture
    Prospective Minor, Business Administration
    GPA: 3.85, Dean's Engineering Honor List Recipient

Shanghai Jiao Tong University Joint Institute, Shanghai, China   August 2019

    Study Abroad Program – Intro to Cryptography

EMPLOYMENT HISTORY

CareerTu, New York City, New York   *Marketing/Data Analytics Intern,* October 2019 – Present

- Used Python web scraping techniques to cultivate data to support marketing initiatives
- Collaborated to create new opportunities for outreach using data analytics to cultivate a wider customer base

University of Michigan, Ann Arbor, MI   *Instructional Aide,* January 2020 – Present

- Revised previous iterations of work to create a more robust teaching curriculum to help students understand material

SAT Tutoring, Sterling Heights, MI   *Teacher,* March 2018 – Present

- Oversaw curriculum to boost scores of students up to 13%
- Directed communication to facilitate solutions to improve the outreach of students for this course

PROJECT EXPERIENCE

Atlas Consulting Group, Ann Arbor, MI   January 2019 – Present
VP of Internal Operations

- Spearheaded recruiting efforts through development of marketing materials and improvements on the application process, producing a 10% bump in recruiting attendance
- Collaborated to produce an effective social schedule for member retention and involvement
- Developed 2 deliverables helping a client move into a new location

Michigan Mars Rover Team, Ann Arbor, MI   September 2018 – Present
Computer Vision Engineer

- Fabricated a neural network that utilized object detection to notify when a tennis ball was near allowing for a deeper understanding of Machine Learning
- Constructed a laser scan that provided notifications of obstacles in the path of the Rover

Michigan Data Science Team, Ann Arbor, MI   September 2018 – September 2019
Club Member

- Created a data analytical machine learning model through Python which allowed for predictions on Google Revenue Expenses
- Utilized data science in a tracker for notifications when any water leaks in Ann Arbor were found based on predictions on where they would likely occur

ADDITIONAL SKILLS

Computer Skills: MATLAB, C++, Java, Python, SOLIDWORKS

Languages: English (Native), Chinese (HSK 5: 87%, AP exam 5), and French (IB SL 6)