Mai Nguyen

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Education	**Massachusetts Institute of Technology (MIT)**	**Cambridge, MA**

*Candidate for B.S. in **Mathematics with Computer Science**, GPA: 4.6/5* — Class of 2023
- Relevant coursework: Linear Algebra, Numerical Computation, Probability and Random Variables

Work Experience

Machine Learning Intern — **Cambridge, MA**
Griiip — Jan 2021 - Present
- Build machine learning models to predict race cars' performance
- Write AWS Lambda functions to migrate data from DynamoDB to MySQL
- Work with Python, pandas, scikit-learn, MySQL, and AWS Sagemaker

Junior Data Engineer — **Hanoi, Vietnam**
FPT Software — Oct 2020 - Jan 2021
- Developed AWS Lambda functions to preprocess data prior to storing files in DynamoDB
- Created AWS Cloudformation templates for Singapore Airlines' data pipelines
- Worked with Python, pandas, NumPy, and JSON

Data Science Intern — **Cambridge, MA**
MIT Department of Earth, Atmospheric. and Planetary Sciences — Jun 2020 - Sep 2020
- Performed spatial analysis on datasets and digital maps of large volcanic eruptions
- Worked with Python, pandas, NumPy, and ArcGIS

Research and Development Intern — **Ahmedabad, India**
Saathi Eco Innovations — Jun 2019 - Aug 2019
- Developed model to forecast product environmental impact through 2023

Leadership Experience

Infinite Careers Program Assistant — **Cambridge, MA**
MIT Alumni Association — Oct 2019 - Sep 2020
- Led initiative to host 12 on-campus networking events for 119 students and 11 alumni
- Collaborated with alumni and MIT Career Advising to organize events logistics
- Communicated with the MIT Office of Vice Chancellor to secure funding

Student Club President — **Cambridge, MA**
MIT Vietnamese Student Association — Sep 2019 - Sep 2020
- Managed a $3,000+ annual budget to organize activities for 50 club members
- Lead collaborations with Vietnamese Americans community within Greater Boston Area and nation-wide

Event Sponsorship Director — **Cambridge, MA**
MIT Energy Hack 2018 — Aug 2018 - Nov 2018
- Secured $20,000+ in funding from 26 sponsors within MIT
- Managed communications with sponsors

Skills and Activities

Programming Languages: Python, SQL, HTML, JavaScript, CSS
Cloud-Based Technologies: S3, AWS Lambda, AWS EC2, DynamoDB
Database Management: MySQL
Activities: MIT Varsity Sailing Team