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 with 90% accuracy
- 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

Projects	**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