

XU , Michael Fusheng
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Sep. 2023

EDUCATION	University of Wisconsin-Madison Madison, WI Computer Science	Sep. 2023-Present
	Georgia Institute of Technology Atlanta, GA Master of Science in Computer Science (Online) Specialization: Machine Learning; GPA: 4.0/4.0	Sep. 2019-Sep. 2021
	Yale University New Haven, CT Master of Arts in Economics; GPA: 3.7/4.0	Sep. 2014-Dec. 2016
	New York University New York, NY Bachelor of Arts in Economics, and Mathematics GPA: 3.95/4.0 (<i>summa cum laude</i>)	Sep. 2011-May 2014
	Tsinghua University Beijing, China Major in Economics and Finance, School of Economics and Management	Sep. 2010-Jun. 2011

**RESEARCH
EXPERIENCE**

Mar. 2022 – Feb. 2023

Intern @ Music X Lab, NYU Shanghai (Remote)

- Implemented hardware and software solutions for haptic music tutoring systems.
- Conducted pilot studies to gather feedbacks, based on which the team and I iterated on both the experiment design, and the device and system implementation.

Jan. 2022 – Dec. 2022

Vertically Integrated Projects @ Georgia Institute of Technology

- Eye tracker and eye-gaze tracker applications in Unmanned Aerial Vehicles.
- Deep Learning based video Super Sampling and Video Frame Interpolation for efficient streaming from a blimp.

2019 – Jun. 2023

@Van Robotics

- Involved in the application and/or implementation of various projects and grants, with topics in K-5 education, health care for the elderly population, assisting people with disabilities, and so on.
- Performed data analysis, literature review, study design, and/or proposal drafting.

Oct. 2015 - Jan. 2016

Graduate Research Assistant @ Yale Economics Department

- On the efficiency of intra-household resource allocation
- Data management and analysis in Stata

**WORK
EXPERIENCE**

August 2023 - Present

Teaching Assistant @ University of Wisconsin-Madison

- Fall 2023: CS354

February 2019 - June 2023

Lead Software Architect (since Nov. 2020)

Full Stack Engineer, Van Robotics

- Design and implement the high-level software architecture;
- Work with research team to perform data analysis, implement machine learning models, as well as deploying the models to edge devices in real-world settings.

March 2018 – Present

Independent Machine Learning/AI Consultant & Developer

- Setting up the end-to-end machine learning deployment pipelines

June 2017 – March 2018

Model Developer, IQVIA (former IMS Health and Quintiles)

- Develop various Excel models; significant VBA codes used both to enhance user experience, and to compute model outputs (Epidemic/Monte Carlo models)

**LANGUAGES AND
SKILLS**

Mandarin , English

Proficient with **Python (Django, Keras, PyTorch, etc.), JavaScript, SQL, Stata, HTML, CSS, C#, Git, and Microsoft Office.**

**PERSONAL
INFORMATION**

Date of Birth: Oct. 26th, 1991

Citizenship: U.S.A.