Academic Emphasis in Artificial Intelligence and Machine Learning

Personal Info

Email: majoryan@usc.edu

Profile: majorsmission.me

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Coding Skills

C++/RobotC	R Studio
Java	MySQL
JavaScript	MongoDB
Python	Unity3D
HTML/CSS	Fusion 360

Projects

Developed a 3D animated interactive website by applying 3D geometric techniques and designs.

Solved 18 complex programming projects by implementing key data structures and algorithms.

Implemented standard Rubik's Cube solving algorithms to produce effective cube solutions .

Major Yang -AI & ML Engineer

Education: Double Majoring at USC (2021-2025)

1. Applied and Computational Mathematics (B.S.)
2. Computer Science (B.S.)

Cumulative GPA (Sophomore): 3.57/4.0

Mccarthy/Ilium Honors Student & Deans List 2022

Relevant Coursework (2021-2025):

Freshmen Year: (Completed & Official)
CSCI-103: Introduction to Programming
CSCI-170: Discrete Methods in Computer Science
MATH-229: Calculus III for Engineers and Scientists
Sophomore Year: (In Progress)
CSCI-104: Data Structures & Object Oriented Design
ITP-116: Accelerated Programming in Python
MATH-407: Probability Theory
Prospective Courses: (AI & ML Related)
CSCI-270: Intro to Algorithms and Theory of Computing
CSCI-360: Introduction to Artificial Intelligence
MATH-447: Mathematics of Machine Learning
CSCI-467: Introduction to Machine Learning

Work Experience (2021-2025):

Web Developer at Metropolitan Transportation:
- Modernized Company Website Design and Interface using HTML, CSS, and JavaScript.
- Organized dozens of employee data by utilizing modern data science software, increasing our website staff section development efficiency.
- Learned collaboration skills with Slack/Trello.

IT Associate at the USC School of Architecture:
- Maintained functionality of around two dozen printers and plotters by quickly understanding and learning modern technology and hardware.
- Also assisted in: cloning hard drives, updating software, setting up virtual meetings, etc.

References: References Available Upon Request