

Max Tang

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EDUCATION

Georgia Institute of Technology

Aug 2020 – Present

Senior; GPA: 3.8; Major: BS in Computer Science

South Forsyth High School

Aug 2016 – May 2020

Valedictorian

SKILLS

Top Programming Languages: Python, C# , Java, SQL, C, Matlab, JavaScript

Relevant Coursework: Data Structures and Algorithms, Computer Organization, Objects and Design, Machine Learning, Artificial Intelligence, Differential Equations, Multivariable Calculus, Object Oriented Programming

Test Scores: ACT: 36, SAT: 1530

Certifications:

- Certified Microsoft Office Specialist in Microsoft Excel 2016 and Microsoft Word 2016
- Certified MTA (Microsoft Technology Associate): Software Development Fundamentals

PROJECTS

RLAgents – Python

2021

- Utilized OpenAI Gym to train deep reinforcement learning agents
- Built over 40 neural network models spanning across 3 gym instances
- Established a deep Q-learning agent that successfully generate it's own models to solve problems.

SignLanguage.ai – Python

2021

- Studied Tensorflow and PyTorch to gain a deeper understanding of Machine Learning
- Developed and trained a neural network to detect 100 unique signs
- Completed in under 48 hours

Stock Analysis – Python

2021

- Analyzed stock trends across different sectors, indices, and volatility levels.
- Worked with ~2000 stocks and 10 years of historical data to generate graphs for observing trends
- Mastered pandas, numpy, selenium, requests, etc. overall a total of 50 hours.

Combinatorics Project – C#

2020

- Discovered Hamiltonian paths in pre-generated graphs to find shortest path and compare the two methods in terms of time and result
- Employed variations of A-Star and BFS to solve these problems.
- ~70 hours over a 3-week period

EXPERIENCE

Transatlantic Intel AI Hackathon

Sep 2021

Team Lead

- Recognized as one of 15 teams to be selected to compete
- Oversaw team management and work distribution
- Mentored team members in machine learning concepts and ideology

Skillshot Media

Aug 2019 – Dec 2019

Intern

- Assisted in day-to-day tasks such as budgeting and research
- Around 120 hours