TRIET MINH VO

NY, New York | (313)725-0282 | triet.vo@nyu.edu | GH: trietvuive | LI: triet-vo-445772183 | trietmvo.com

EDUCATION

New York University, Tandon School of Engineering, Brooklyn, NYC   May 2023
Bachelor of Science, Computer Science
Cumulative GPA: 3.96/4.0, Major GPA: 4.0/4.0

EXPERIENCE

Teaching Assistant, **Object Oriented Programming,** NYU Tandon   Sep 2021 - Present
- Coordinated and instructed 5 different in-person lab sections
- Graded ~150 students' lab, homework and test/quiz
- Drafted weekly lab and homework materials to boost students' midterm grade by 5%

PROJECTS

Website (JavaScript, CSS)   Jun 2021 – Present
- Developed a static, scalable website with S3 that can support 2000 visitors per month
- Deployed a CI/CD pipeline over AWS Amplify to update website from 100 Github commits
- Hosted a React App to processed and displayed 30 transactions with the Ethereum test network

Anime Recommender (SQL, MATLAB/Octave, Python/Pandas/Jupyter Notebook)   Jun 2020 – Present
- Processed 7 million reviews of 70,000 animes to recommend anime based on own reviews
- Leveraged SQL's CTE to draft complex queries while execute under 1 second
- Trained 10 models using Collaborative Filtering and Cosine Similarity algorithm to compare animes

ACTIVITIES

Cloud Developer, **NYU Holodeck**   Jun 2021 – Present
- Integrated Certbot with subdomain creation into Docker using Bash scripts on 10 ECS instances
- Programmed and deployed API with AWS Lambda for automatic instance creation and locating
- Developed attendance website for 20+ students with React/Claudia.js/DynamoDB

Co-Organizer, *Team Coach,* **Poly Programming Team, NYU Progteam**   Sep 2020 - Present
- Taught 20 members weekly in algorithmic topics using BinarySearch and Vjudge
- Competed in GNYR and NAQ. Ranked 3rd in NYU
- Participated in programming competition such as CodeJam, Hacker Cup, KickStart

Software Lead, **NYU Robotic Design Team**   Sep 2020 – Present
- Developed low-latency network (~10 ms) for servers' communication
- Trained 12 members in ROSPY and OpenCV to chart movement of robot

CERTIFICATIONS

AWS Certified Solution Architect, **Amazon Web Services**   Sep 2021
Machine Learning, **Coursera**   Aug 2021
Querying Data with Transact SQL, **Microsoft**   Sep 2020
Programming in C#, **Microsoft**   Jun 2020

SKILLS

Programming Language: Advanced proficiency in C#, C++, Java, SQL, knowledge of Python, JS, MATLAB
Hobby: Expert-level in chess, 8 years of classical guitar and 4 years of organized basketball