Mercy Doan

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Education

Queen's University, Bachelor of Computing (Honors)   Sep. 2020 – Apr. 2024
Specialization in Computing/Mathematics, focus in Data Analytics/Statistics (3x Dean's Honor List)   *Kingston, ON*
Areas of Study: Data Analysis, Artificial Intelligence, Machine Learning, Databases, Data Structures, Algorithms

Technical Skills

Behavioral: Organization, Communication, Creativity, Initiative, Logistics, HR/Management, Education
Programming Languages: Python, Java, Javascript (React, Node.js), CSS, HTML, MATLAB, R, Bash, C, SQL, PHP
Frameworks/Technologies: Anaconda, Git/GitHub, Figma, Canva, Jira, Discord API, Instagram API, WordPress
Libraries: Pandas, NumPy, HuggingFace, SciKitLearn, TensorFlow, Keras, PyTorch, Bootstrap

Projects

Media Administrator (Joker Out Subtitles) | *Marketing Management*   2016 - present
- Organized posting schedule for hundreds of audio/video/article translations by priority using Google Suite
- Redesigned brand identity in accordance with accessibility standards and created Canva templates
- Managed social media and podcast accounts with combined followings of 20k+ users

YouTube Creator | *Audio, Video, Channel Management*   2016 - present
- Edited audio and video for YouTube, gaining 200+ subscribers and 100k total views over 30+ videos
- Managed YouTube content such as scheduling, copyright, video components, visibility, channel organization, etc.

Social Media Marketer | *Instagram, Facebook, Twitter*   2014 - present
- Ran multiple social media handles on various platforms, achieving 4k+ followers on some accounts
- Increased visibility and engagement for tutoring companies, university clubs, and personal projects
- Met posting deadlines and discussed new marketing initiatives with supervisors after ideation

Experience

NLP Director of Design   May 2022 – Present
QMIND (Queen's University Artificial Intelligence Club)   *Kingston, ON*
- Guided 5 project managers to build NLP projects through leadership and reflection workshops
- Educated students on using GitHub, machine learning libraries, and NLP techniques such as statistical models, Ensemble methods, deep learning, LSTMs, Transformers, supervised/unsupervised regression/classification, etc.

Vice-President of Operations   May 2021 – Present
COMPSA (Queen's Computing Students' Association)   *Kingston, ON*
- Led a team of 50+ students to support and enhance the undergraduate Computing student body's experience in Academics, Equity, Events, Marketing, Professional Development, Year Representation, and Tech Support
- Created new initiatives to boost student engagement, develop an internal foundation of long term goals/plans, and advocate for student issues (understaffing, academic assistance, equitable policies, financial transparency, etc.)

Cybersecurity Researcher   May 2022 – Sep. 2022
Google ExploreCSR   *Kingston, ON*
- Analyzed and applied research papers on autonomous vehicle security, software development life cycles, vulnerability detection, and machine learning techniques used in cybersecurity
- Proposed new ways to improve an autonomous vehicle software security and development method by using regression and deep learning to prioritize vulnerability metrics

Computing and Math Teaching Assistant and Tutor   Sep. 2021 – May 2023
Queen's School of Computing, Queen's Mathematics and Statistics Department   *Kingston, ON*
- Provided office hours and feedback on math, Python, Java assignments for 50+ undergraduate students on a weekly basis, and debugged code with concepts such as recursion, machine learning basics, regex, OOP, etc.