# Mercy Doan

mercy.doan@queensu.ca | linkedin.com/in/merd/ | github.com/sunyshore

## 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, Jest, Jira, Playwright, Supabase, WordPress
**Libraries**: Pandas, NumPy, HuggingFace, SciKitLearn, TensorFlow, Keras, PyTorch, Bootstrap, Formik/Yup

## 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.)

**Co-President of Operations**                                                                    Mar. 2022 – Present
*QLANG (Queen's Languages and Linguistics Club)*                                                      *Kingston, ON*
- Founded the first Languages and Linguistics Club at Queen's University and curated educational material
- Led 4 directors to organize weekly workshops for 60+ members, covering 35+ major European/Asian languages

**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**                                                         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.

## Projects

**YouTube Creator** |                                                                             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, comments, visibility, channel organization, etc.

**Social Media Marketer** | *Instagram, Facebook, Twitter*                                         2014 - present
- Ran multiple social media handles on various platforms, achieving 3k+ 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