

QUALIFICATION HIGHLIGHT

- Computer science student with coursework experience in computational theory, algorithm design, machine learning, and mathematics
- Proficient in Java, Python, C, Swift, Kotlin, HTML/CSS/JavaScript/TypeScript, SQL, and R
- Experience developing large-scale web applications with frameworks such as Django, Flask, Angular and React
- Agile workplace expertise with strong proficiency in Git and the collaborative development process
- Continuously seeking to utilize my creativity and problem-solving skills to bring out the best in myself and the world around me

WORK EXPERIENCE

Software Development Engineer Co-op **May 2023 — Present**
Amazon Toronto, Ontario

- Leveraging AWS to develop and maintain software that monitors Amazon's robotics network and optimizes global warehouse operations
- Collaborating with developers, product managers and designers to build web applications that provide real-time metrics to customers across Amazon's fulfillment network
- Leading the design, development and deployment of a new analytics tool that identifies important robotic trends and routes these metrics to dashboards that monitor warehouse operations around the world

Software Developer Intern **May 2022 — Aug. 2022**
Royal Bank of Canada Toronto, Ontario

- Contributed towards team goals as a full-stack developer, working across various consumer-facing banking platforms
- Participated in the development of a client verification system that is currently in the RBC mobile app and allows returning customers to be automatically connected to their old account
- Lead my team as scum master for a portion of my term; facilitating meetings, overseeing retrospective action items, and presenting my team's progress to shareholders during sprint review sessions

EDUCATION

University of Toronto, St. George Campus **Sept. 2020 — Present**
Candidate for HSc in Computer Science, Co-op Stream

- **Relevant Coursework:** Algorithm Design & Analysis, Data Structures & Analysis, Software Design, Operating Systems, Intro to Artificial Intelligence, Intro to Machine Learning, Probability with Computer Applications, Web Development, Databases, Calculus with Proofs
- **Involvement:** Arts & Science Internship Program Member & Senior Ambassador (07/2022-Present), UofT AI Partnership Associate (10/2023-Present), UofT Machine Intelligence Student Team Developer (01/2023-05/2023), CSSU & USMC Orientation Leader (2021-2023)

PROJECTS

Anonymization API and Web App, Flask **Jan. 2023 — Apr. 2023**

- Developed an API and web application in partnership with the University of Toronto to protect and privatize personal information from large documents and datasets
- Supported the project as a back-end developer; writing effective and scalable anonymization algorithms and implementing them within the architecture and functionality of API
- Leveraged natural language processing models to interpret documents and automatically classify all sensitive information

Birthday Reminder Android App, Jetpack Compose **Sept. 2021 — Dec. 2021**

- Worked on a team of 6 to develop a full-stack Android application that provides users with an intuitive system for tracking birthdays and anniversaries that they want to be reminded of
- Worked on the front-end development team; leveraging Jetpack Compose and the Model-View-ViewModel (MVVM) design pattern to integrate back-end business logic into our user interface
- Followed the SOLID Design Principles to ensure scalability and alignment with modern software development standards

VOLUNTEER EXPERIENCE

Coding Instructor **Aug. 2021 — Present**
Youth Dream Canada Toronto, Ontario

- Volunteer coding instructor for domestic and international students at various skill levels and age groups
- Applying personal knowledge and academic research to develop engaging curriculum and practise problems on a weekly basis
- Successfully developing students from the beginner level to full proficiency in object-oriented programming and web development

AWARDS & HONOURS

Academic Achievements Dean's List Scholar (08/2021); Basilian Book Award Recipient (07/2020); First Place Basilian STEM Award Recipient (10/2020); St. Thomas More Society Award Recipient (07/2016-07/2020)

Extracurricular Achievements Royal Conservatory of Music Level 8 Piano with Honours (08/2019); First Degree Black Belt (05/2017); 3x Canadian Drumline Association Premier Class Provincial Champion (2017 - 2019); Standard First Aid, CPR and AED Certification (06/2018); Introduction to Programming in Swift 5 Certification (05/2021)