

Kyle Air

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EDUCATION

Queen's University

Bachelor of Applied Science and Engineering (concentration: Applied Mathematics and Computing),
Dean's Scholar (GPA: 3.75)

Kingston, ON

April 2021

EXPERIENCE

Citi

Software Developer

Mississauga, ON

July 2021–Present

- Develop both frontend (React Redux) and backend (Java Spring Boot) of cash accounts dashboard for commercial clients with approximately 10,000 users
- Implementing an error handling system to log client-side errors across all applications under Citi Commercial Banking
- Part of an agile development cycle participating in daily stand-ups, JIRA tracking and BitBucket version control

QMIND (Queen's A.I. Design Team)

Machine Learning Engineer

Kingston, ON

Sept. 2019–April 2021

- Completed a news aggregation project (September 2020–April 2021) for client RBC using Python to create NLP topic models
- Completed a hockey shot prediction project (September 2019–April 2020) for client Iceberg Analytics using Python to create a TensorFlow prediction model and tkinter to create a GUI
- Presented both projects at CUCAI (Canadian Undergraduate Conference on Artificial Intelligence) in front of hundreds of conference attendees

Citi

Software Development Analyst Intern

Mississauga, ON

June 2020–August 2020

- Developed a proof-of-concept investment portfolio web app using a MEAN stack
- Received extensive training in React, MySQL, Docker and CI/CD tools (uDeploy and Jenkins)

OTHER ACTIVITIES & INTERESTS

Ontario Engineering Competition, Competitor

- Selected to represent Queen's at the Ontario Engineering Competition after finishing second place at the Queen's Engineering Competition in the consulting category

Hamilton, ON

Jan. 2019

QHacks Coding Conference, Participant

- Participated in Queen's Hackathon every year, most recently building a chrome extension which automatically ranks the ethical standing of brands as you shop online

Kingston, ON

Feb. 2018, 2019,
2020, 2021

EngLinks Tutor Service, Tutor

- Tutored Queen's students in mathematics, programming and physics courses

Kingston, ON

Sept. 2018–April 2021

Personal Projects: Personal Website (kyleair.org), NFL Betting Mobile App (github.com/kyleair/React-Native-App)

Technical Skills: Python, Java, ReactJS, Svelte, MySQL, Java Spring Boot and React Native (mobile development)

Interests: Chess, hiking, sports, video games and juggling