Kyrel Jerome

Computer scientist and full stack developer with 4+ years of experience teaching computer science. With many completed and ongoing projects, I am a software developer with a desire to make a real change.

Personal Info

E-mail

kyrel.jerome@mail.utoronto.ca

GitHub

https://github.com/kyreljerome

Website

https://kyreljero.me

Frameworks

- Flutter
- Next.js
- React
- OpenCV
- Flask
- Jenkins

Languages (Proficient)

- Java
- Bash
- Python
- Dart

Languages (Familiar)

- SQL
- C
- Groovy

Soft Skills

- Communication
- Teamwork
- Organization (Agile, Git)
- Self-Learning

Software

- Linux
- Microsoft Azure
- Adobe XD

Projects

UofT Foods (2019 - Present)

- Designed and implemented a **Flutter** app allowing University of Toronto Students to quickly access information for food on campus.
- **40+ active users**, with **50+ downloads** on the Google Play Store.

Teacher's Pet (2019)

- Implemented **Flutter**, **Flask,** and Microsoft Azure's **Cognitive Toolkit** to vibrate a phone upon detection of a hand in an embedded device's camera feed.
- Enabled response of blind presenters to hands raised in an audience. From ideation to operation in **36 hours** at **UofTHacks VI**.

Kure Graphing Engine (2017)

- Created **Java** application that solves, differentiates and graphs inputted functions along with their critical points and asymptotes.

Education

University of Toronto (2017 - 2021)

- B.Sc. Pursuing a specialist in **Computer Science** and a major in **Applied Statistics**.

Experience

Cloud Engineer Intern - Public Cloud (2019 - Present)

- Enabled CICD pipelines and **Microsoft Azure** access for **Royal Bank of Canada** developers.
- Secured access to **Microsoft Azure** tools for **Royal Bank of Canada** developers allowing RBC production applications on Azure Public Cloud**.**

Front End Developer (2019-Present)

- Developed and designed **React** front-end at **UnitingGamers** in active use.
- Managed www.unitinggamers.com back-end content.

Lead FRC Programming Mentor (2017 - Present)

- Mentored a high school robotics team 5288 Spartan Robotics in **computer vision**, **control system design**, and **Java OOP**.

Youth Robotics Teacher (2018 Summer)

- Taught robotics as part of the Thames Valley District School Board's Summer Numeracy program for students in grades 1 to 3.
- Developed a dynamic curriculum specifically tailored for each of the 80 students taught daily.