Gareth Sykes

Burlington, Ontario

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EDUCATION

University of Waterloo   **01 2022**
Bachelor of Science, Mathematical Physics   *Waterloo, Ontario*

CERTIFICATIONS

- Infosys Certified Spring Associate - Score 90
- Infosys Certified Software Programmer - Score 94
- Infosys Certified Angular Associate - Score 86

PROJECTS

Full-stack Ekart Capstone Project ↗ | Springboot/Angular/SQL   **06 2022**

- Task was to create a single page application for customers and sellers to buy and sell products
- A lot of attention paid to designing reactive forms in Angular
- Web-page designed with HTML and CSS and Bootstrap

Dynamic Programming Research Paper ↗   **12 2021**

- A collaborative research paper written by myself and three other students
- The paper covers an application of Control Theory

Statistical Analysis Project ↗ | R   **08 2021**

- Employed various numerical, graphical, and statistical techniques to analyze a real-world data set
- Utilized R to obtain important statistical quantities and plots

EXPERIENCE

Infosys ↗   **03 2022 – Present**
Full Stack Java Developer   *Mississauga, Ontario*

- Completed all required training on July 5th, 2022 for the advanced Java stream

Alcatel-Lucent Enterprise ↗   **01 2015 – 04 2015**
5620 SAM Service Aware Manager (Co-op)   *Kanata, Ontario*

- Assist customers with technical issues relating to Alcatel's 5620 SAM
- Worked in a team environment to solve complex problems arising related to 5620 SAM

TECHNICAL SKILLS

Languages: Java with Springboot, Angular, SQL, Python, R, HTML/CSS

Business Computer Skills: MS Excel, Teams, PowerPoint, Word

COURSEWORK

- Control Theory
- Quantum Theory
- Probability / Statistics
- Partial Differential Equations
- Particle Physics
- Complex Analysis
- Computational Physics
- General Relativity

EXTRACURRICULARS

- Royal Conservatory of Music - Grade 9 piano exam
- Mountain Biking
- Kite-surfing