Yasser Elsaid

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EDUCATION

York University

Toronto, Canada

Honours Bachelor of Science, Computer Science (GPA: 3.8/4.0)

Expected May 2023

EXPERIENCE

Meta

Jun. 2022 – Sep. 2022

Software Engineer Intern

Seattle, Washington

- Implemented backend infrastructure in HACK/PHP for the Developer Communication Platform to facilitate communication between Meta and 3rd party developers
- Developed a pipeline to send out reminder alerts to complete required actions for apps on developers.facebook.com which launched to **5M+ apps** worldwide
- Improved developer reachability by implementing email verification logic in *Facebook for Developers* resulting in **100,000+ verified emails**

Tesla

Jan. 2022 – Apr. 2022

Software Engineer Intern

Palo Alto, California

- Developed internal tools to improve developer workflows, **saving upwards of 1 hour/developer/week** (across 35 developers)
- Developed an internal tool that sends new software builds to test cars to allow for testing new features
- Worked on automated testing for the infotainment system and **increased test coverage by 10%**

BlackBerry

May 2021 – Dec. 2021

Software Engineer Intern

Waterloo, Canada

- Developed microservices in **Go** for cloud computing, monitoring, cost management, and DevOps services
- Migrated and improved a **Ruby on Rails** application to a more maintainable **React** application connected to Go microservices for better performance and user experience
- Optimized response time of multiple endpoints by making use of the synchronization features in Go which resulted in a **20% faster response time**

York University

Jan. 2021 – May 2021

Research Assistant

Toronto, Canada

- Led a group of 4 high school students in a research project that leverages machine learning to create a sign language to English text interpreter
- Mentored the students on the engineering design process, computational thinking, and the basics of programming to solve real-world problems by building software solutions

PROJECTS

RateMyCourses.io ↗ | *React, Next.j, Node.js, MongoDB, Mongoose, AWS*

- Built the web app ratemycourses.io which has had over **1 Million page views** and is used by students to review and get advice on university courses

Sign Language Interpreter ↗ ⌂ Demo ▶ | *Google Teachable Machine, Tensorflow, React*

- Engineered a Sign Language to English text interpreter, trained using Google Teachable Machine with Tensorflow to detect common ASL signs

TECHNICAL SKILLS

Languages: JavaScript, Go, Python, C, C++, Java, SQL, HTML, CSS

Frameworks/Tools: React, Node.js, AWS, Docker, DynamoDB, MongoDB, Mongoose, MySQL, Git, Next.js, Postman, Gin, RESTful APIs, AJAX, Selenium