SAYFULLAH EID

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EDUCATION

B.IT Network Technology | *Carleton University | Ottawa, ON*   *Sep 2018 - Present*

Expected Graduation: May 2024
- Network routing, switching, and architecture
- Embedded and real time systems
- DevOps, data structures, database concepts, and web programming

WORK EXPERIENCE

Software Developer | *Sphyrna Security | Ottawa, ON*   *Jan 2022 - Dec 2022*

- Developed a full stack **React/NodeJS** solution to load the front-end web application in the user's preferred language, which increased our customer adoption rate as we could deploy to more regions
- Implemented a secure authentication system using **JWT**, web cookies, and multi-factor authentication
- Followed up on customer reported issues through **GitLab**

Software Developer | *Sphyrna Security | Ottawa, ON*   *May 2021 - Aug 2021*

- Collaborated with colleagues to develop prototype software in **C/C++**, to determine viability as products
- Conducted research on **Python** attribute-based encryption implementations for use with our secure network products

PROJECTS

Frontend Developer | *McHacks 9 | Montreal, QC*   *Jan 2022*

- **Was among the Top 5 Hacks, and was voted as the hack that best promoted sustainability**
- Implemented a prototype application to help track groceries and food waste, using **React**
- Developed the front-end of the demo site, based on the designs from my colleagues

Lead Developer | *Data Structures Project | Ottawa, ON*   *Dec 2022*

- Designed the general structure of the application through the use of **UML** diagrams
- Implemented core data structures and functionality in **Java**

Frontend Developer | *ConUHacks V | Montreal, QC*   *Jan 2020*

- **Voted as the hack that best supported workplace mental health**
- Developed a cognitive memory game using **JavaScript** that integrated with a Slack app, to perform daily check-ins on employee mental health

Developer | *OGP Summit Hackathon | Ottawa, ON*   *May 2019*

- Developed **Python** web-app, that processed building footprint data to show where solar roofing was possible
- Used **Pandas** to clean the incoming data

TECHNICAL SKILLS

Languages:	Python, Java, C/C++, JavaScript
Libraries:	React, NodeJS, GraphQL, Pandas, Bootstrap, Material UI
IT:	Cisco IOS, Nokia SR OS, Juniper Junos, RouterOS, Windows Server
Devops:	Kubernetes, Docker, Git

INTERESTS

Sustainability, STEM Education, Open source projects, Electric Vehicles