# FAIZAH SAYYID

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## TECHNICAL SKILLS

**Programming Languages**: Python, Java, C#, HTML, CSS, JavaScript, TypeScript, SCSS
**Frameworks & Databases**: Angular, Spring Boot, NestJS, MySQL, MongoDB, Firebase, React, Express, Node, Bootstrap
**Software & Tools**: Unity, Git, GitHub, GitLab, VSCode, PyCharm, Asana

## EDUCATION

**University of Toronto**                                                                    Toronto, ON
*Bachelor of Science, Computer Science*                                                        May 2024
- **GPA:** 4.0
- **Relevant Coursework**: Object-Oriented Programming/Design, Discrete Mathematics, Linear Algebra, Calculus with Proofs, Digital Logic, Data Structures, Algorithms
- **Scholarships:** Ted Mossman Scholarship, Dr. James A. & Connie P. Dickson Scholarship
- **Awards:** Dean's List Scholar in the Faculty of Arts & Science 2020-2021

## EXPERIENCE

**TechRangle**                                                                              Toronto, ON
*Full Stack Developer Intern*                                                        May 2021 – Aug 2021
- Worked on a real-estate application with a multi-tiered system, that streamlines the process of buying a house
- Implemented frontend features from concept to development with **Angular**.
- Developed **RESTful API** to expose real estate offers to customers, and implement a likes/favourites feature (**Spring Boot, MySQL**).
- Created a dynamic and customizable customer on-boarding/sign up API from scratch. Thereby providing a personalized home buying experience for customers (**NestJS, MongoDB**).
- Participated in a **daily standup routine** and used **Asana** for team-wide **task management**.
- Collaborated with team members to integrate new features for **weekly releases** via the **CI/CD** pipeline.
- Worked with a UI/UX designer and implemented there **Figma** designs

**Intelligent Adaptive Interventions Labs**                                                  Toronto, ON
*Research Undergraduate Volunteer*                                                   May 2021 – Aug 2021
- Helped with experiment deployment for the **Mental Health America** project   .
- Developed an app that uses **Twilio API** and **cron jobs** in order to **automatically** send reflective mental health related messages to participants at designated times.
- Took the initiative to create a software that decreased tedious work for volunteers

## PROJECTS

**Surgery Central** | *React, Bootstrap, Python, Google Maps API*                                Jan 2022
- Placed **4th overall** in **SheHacks 2022** working with a team of three to develop a web application in **36 hours**
- Created Surgery Central, a data centralization dashboard that draws from Ontario Health and 20+ Toronto Hospitals to display adult and pediatric surgery offerings and hospital contact info.
- Focused on **frontend** development to dynamically display surgery information from **web scrapped** data, and sort them based on distance away from current location using the **Google Maps API**

**Pokedex** | *React, JavaScript, HTML, CSS, Pokemon API*                               Aug 2021 - Sept 2021
- Created a Pokedex web application which retrieves data from the **Pokemon API**
- Used the **React Context API** for state management
- The application displays a list of Pokemon with **infinite scrolling**, and allows users to view individual Pokemon detail pages

**Onionshop** | *Java, JavaFX, Gradle, CSS*                                             Sept 2021 - Dec 2021
- Created a **drawing application** with pen, eraser and shape tools, as well layer and undo-redo features.
- Led a team of seven and created a complete drawing application in four months.
- Followed **design patterns, SOLID principles, and clean archetiture** to develop a strong and extendable foundation for our application.