

Hashir Sami

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EDUCATION

Queen's University

Bachelor of Computing, Software Design Specialization

Kingston, ON

September 2021 – December 2025

EXPERIENCE

Software Developer Intern

Centre for Advanced Computing

May 2024 –

Kingston, ON

- Managed research projects for different clients providing humanitarian solutions to everyday problems
- **Hospital Dashboard Project** | *MongoDb, Express.js, React, Node.js*
 - * Created tools and maintained a dashboard used by city hospitals to analyze contamination rates and do statistical analysis on patient data
 - * Analyzed and extrapolated over **300k documents** of respiratory data and **500k documents** of bloodwork data onto graphs
 - * Utilized the MERN stack and Chart.js to provide **30 different graphs** in order to visualize large chunks of different data demographics through **170 unique API endpoints**
- **Cervical Cancer Diagnosis Project** | *Flutter, Dart, Django, Python, PostgreSQL*
 - * Managed a cervical cancer analysis tool used in Rwanda, Tanzania, and Kenya for communities with little access to modern devices and hospital infrastructure
 - * Deployed fixes for a mobile application powered by a Django backend that services **3000 unique clients**
 - * Was responsible for creating multiple data analysis forms used for identifying preliminary cervical cancer at risk patients

Data Quality Intern

Cohere

May 2023 – November 2023

Toronto, ON

- Labelled, ranked, audited, and corrected machine learning data
- Recommended optimization opportunities for over **400 AI generated prompts** daily
- Resolved, troubleshooted, and assessed programming issues in **Python, JavaScript, and JSON** in order to provide training data for the Cohere Language Model

Full Stack Developer Intern

City of Kingston

April 2023 – August 2023

Kingston, ON

- Created independent software solutions for governmental issues with the City of Kingston
- **Doctor-Patient Project** | *Angular, Firebase, TypeScript*
 - * Created a scheduling service for locum doctors in the City of Kingston area
 - * Provided a unique, city-specific solution to allow patients to connect with healthcare professionals directly
 - * Utilized Angular-Firebase stack to create secure solution for 20+ different locum doctors
- Awarded this internship through the Mayor's Innovation Challenge Pitch Competition in March 2023

PROJECTS

Nipiy | *Dart, Flutter, Google Maps API*

March 2023

- Created an accessible mobile application to serve Indigenous groups in Canada struggling with the water crisis
- Scraped and marked over **100** different water advisories and implemented them on a custom Google Map

Food4All | *TypeScript, Google Maps API*

January 2023 – March 2023

- Designed a web application using Python/Flask and **TypeScript** in order to create a food recycling service to people dealing with food insecurity in Kingston, Ontario
- Won the **Mayor's Innovation Challenge Prize** at QHacks

Player Value Rating | *Python, Pandas, Bootstrap, Flask*

November 2022 – January 2023

- Developed a web application using **Python** and **Flask** in order to project **200+ Canadian basketball players' statistics**
- Used **Pandas** to scrape box score data from over **100 websites** for each Ontario basketball team
- Won the prize for **#1 Overall Project** at NewHacks at the University of Toronto

TECHNICAL SKILLS

Languages: TypeScript, Python, Flutter, C#, HTML/CSS

Frameworks & Libraries: React, Angular, Django, Flask, Pandas, Numpy, Sklearn, Firebase, Google Maps API

Developer Tools: Git, Bash, Azure, Google Cloud, Adobe Flash, SmartFoxServer, Unity Engine