Hashir Sami

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EDUCATION

Queen's University Kingston, ON

Bachelor of Computing, Software Design Specialization *September 2021 – December 2025*

EXPERIENCE

Software Developer Intern May 2024 – June 2025

Centre for Advanced Computing *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 document**s of bloodwork data onto graphs
  * Utilized the MERN stack and Chartjs 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 May 2023 – November 2023

Cohere *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 April 2023 – August 2023

City of Kingston *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

Is it a Deal? | *NextJS, React, MongoDb, Ticketmaster API* May 2024 – June 2024

- Utilized **TicketMaster API** to algorithmically determine if a user is getting a good deal on a concert ticket
- Displayed over **200,000 unique events** in seconds using **React** while hosting popular queries in a **MongoDb** database

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

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