

Hashir Sami

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EDUCATION

Queen's University

Kingston, ON

Bachelor of Computing, Software Design Specialization

Anticipated Graduation: May 2025

- Dean's Honour List
- Related Coursework: Data Structures, Algorithms, Object Oriented Programming, Linear Algebra, Discrete Math, System Level Programming

PROJECTS

Food4All - Hackathon Project | *TypeScript, Google Maps API, Python, HTML/CSS* January 2023 – Present

- Created a web application using Python/Flask and **TypeScript** in order to create a Food recycling service to help food insecure people in Kingston, Ontario
- Implemented **Google Maps API** using Places API in order to provide accurate Geolocation data of business providing food, as well as the Forms API for accurate longitude/latitude coordinates
- Used JavaScript's Fetch API and JSON objects to store and present data to the user
- Won the **Mayor's Innovation Challenge Prize** at QHacks

Player Value Rating - Hackathon Project | *Python, HTML/CSS, JavaScript* November 2022 – Present

- Developed a web application using **Python** and **Flask** in order to project **200+ Canadian basketball players' stats**
- Used **Pandas** to scrape box score data from over **100 websites** for each Ontario basketball team
- Created statistical analysis by making a unique formula that showed the best performing Canadian basketball player respective to their peers and team - used Bootstrap to style it on a website
- Won the prize for **#1 Overall Project** at NewHacks at the University of Toronto

Twitter Image Bot | *Python, Twitter API* September 2022 – October 2022

- Developed a Twitter bot using **Python** and **Twitter's API** in order to handle requests for getting image data
- Scraped around **50 tweets** from the bot's recommended search pages in order to determine a popular subject to associate to an image
- Image associated to subject was then posted on account daily

Avatar Chatroom | *ActionScript, SmartFoxServer, Flash* May 2019 – August 2019

- Created a virtual chatroom using SmartFoxServer and ActionScript to host **25 concurrent users**
- Chatroom provided functional messaging and movement between chatrooms through the use of **ActionScript**
- Published chatroom using cloud server hosting and a web domain

EXPERIENCE

Men's Basketball Team Manager September 2022 – Present

Queen's Athletic & Recreation Centre

Kingston, ON

- Organized team practices and recorded statistics for **20 players**
- Compiled **5 spreadsheets** using **Excel** tracking efficiency and other player stats
- Extrapolated data to create detailed stat visualizations for the team to study

Junior Programs Instructor April 2022 – August 2022

University of Toronto

Toronto, ON

- Responsible for introducing middle school students to different STEM concepts
- Assessed and resolved issues brought by over **100 students** in 8 weeks
- Provided resources for students to further knowledge in AI and Programming

TECHNICAL SKILLS

Languages: Python, Java, HTML/CSS, JavaScript/TypeScript, C, C#, Bash Scripting

Frameworks & Libraries: Flask, BootStrap, BeautifulSoup, Pandas, NumPy, Matplotlib

Developer Tools: Git, Bash Shell, Adobe Flash, SmartFoxServer, Unity Engine