

# IMRAN YAFITH

✉ [imranpyafith@gmail.com](mailto:imranpyafith@gmail.com) | 🌐 [imranyafith.com](http://imranyafith.com) | 📞 +1 (647) 687-3213  
🐙 [github.com/pixelfox01/](https://github.com/pixelfox01/) | 🔗 [linkedin.com/in/imran-yafith](https://www.linkedin.com/in/imran-yafith)

## Profile

- Dedicated third-year Computer Science student with a strong foundation in data structures and algorithms and a keen interest in problem-solving and optimizing code efficiency. Seeking developer internships for Summer 2024.
- Proficient in programming languages such as Python, HTML, JavaScript, TypeScript, C# and C++.
- Experience working with front-end and back-end tools and technologies including React, NextJS, SQL Server and Firebase.

## Skills

### Languages:

Python, HTML, CSS, JavaScript, TypeScript, C#, C++, SQL, Bash

### Technologies & Tools:

React, ASP.NET MVC / Web API / Core, JSON, NextJS, AWS, Microsoft Azure, NumPy, Pandas, Matplotlib, Linux, Firebase, Bootstrap, TailwindCSS

## Education

### Sheridan College

Present - Apr. 2026

*Honours Bachelor of Computer Science (Cloud Computing)*

**GPA: 3.8/4.0**

Relevant Courses: Enterprise Software Systems (ASP.NET Core & C#),  
Data Structures and Algorithms (C++), Cloud Infrastructure (AWS & Python),  
Database Modelling (SQL), Web Application Design & Impl. (AngularJS & Java),  
Software Design (Agile design and development methods)

## Experience

### Naryant (Formerly Inovex)

Oct. 2023 - Present

#### Research Assistant

*SUMO, Python*

- Employed SUMO (Simulation of Urban Mobility) and OSM (OpenStreetMap) software to simulate traffic flows and obtain relevant data.

### Karmy Pain Clinics

Dec. 2022 - Aug. 2023

#### Research Assistant

*Python, OpenCV, MATLAB*

- Developed an automated pain diagnostic system using AI in Python and MATLAB to improve patient care.
- Improved efficiency of data collection by 30% using Data Analysis techniques.

### Sheridan College

Sep. 2022 - Aug. 2023

#### Program Tutor

*Python, HTML, CSS, JavaScript*

- Guided and trained first-year students to excel in Programming Principles, an introductory Python course.
- Hosted weekly tutorial sessions to teach fundamental concepts of Object Oriented Programming.

## Personal Projects

### [imranyafith.com](http://imranyafith.com)

Oct. 2023

#### Portfolio website

*NextJS, TypeScript, TailwindCSS, Git*

- Personal portfolio website created to showcase my skills, experiences and projects.
- Built using NextJS with TypeScript and TailwindCSS for the frontend.

### [Firebase Social Media](#)

Sep. 2023

#### Mock Social Media app

*React, Firebase*

- Mock Social Media app that lets users sign up, create posts, and delete them.
- Developed using React for the frontend, Firebase authentication, and Cloud Firestore for storing post data.

### [Homebase Automation](#)

Sep. 2023

#### Shift reminder app for my shifts on the Homebase app

*Python, BeautifulSoup4, Playwright, Google API*

- Automation app made using Python that scrapes shift data from my job and adds them to my Google Calendar.
- Uses Playwright to run the Homebase app on a headless browser and BeautifulSoup4 to parse the HTML data.
- Adds shifts as events into my Google Calendar using the Google Developer API.