

SYED AAMIR TAHIR

Contact

AamirTahir.com 
AamirTahir 
saamirt 
saamirt@gmail.com 
647 • 745 • 4836 

Highlight of Qualifications

- Worked at **Amazon**, **IBM**, and **Deloitte**, with exceptional evaluations
- 3rd Year **Software Engineering Co-op Student** at **McMaster University**
- Proficient in Python, Java, Node.js, React, SQL, Arduino, C, C++
- Skilled with **algorithms**, **web development**, **web scraping**, **IoT**, **CAD**, **DevOps**, and **Adobe Creative Suite**

Education

McMaster University

September 2017 – April 2021

B. Eng., Software Engineering Co-op

Experience

Amazon

May 2020 – August 2020

Software Engineer Intern – *Under NDA*

IBM

May 2019 – August 2019

DevOps Engineer Intern – **Given highest recommendation**

- Proposed, conceptualized, and developed **Pythios**, a **containerized parallel execution testing automation framework**
- Pythios will eventually control testing on IBM products with thousands of employees
- Pythios is based on **Selenium Grid** and **Python** with strong focus on **documentation**, **robustness**, **cross-browser support**, and **easy deployment** and **scalability**

Deloitte

May 2018 – August 2018

Software Engineer Intern – **Given highest possible overall evaluation**

- Especially selected from all hires into a new team combining emerging technologies
- Worked as **full stack developer** using **Node.js**, **Python**, **MongoDB**, **Angular**, **Azure**, and **IBM Watson**
- Collaborated directly with senior manager and held responsibility for technical aspects of demos

Projects

Kyrie – Garden Monitoring System

- Wi-Fi Garden sensors to collect data and automatically water plants
- **ESP8266** Board programmed with **Arduino** sends data to **AWS DynamoDB** through **MQTT** protocol
- Web app built with **React.js** and **Node.js** uses **AWS** to **auth**, **receive data**, and **send commands**

Therapio

- **Python** twitter bot using **MongoDB**, **Node.js**, **Twitter API**, and **NLTK** for sentimentality analysis

Coffee House

- Git style collaboration for music tracks created with **Node.js**, **MongoDB**, **HTML**, **CSS**, and **Python**

BlockVote

- Blockchain voting web app created using **React**, **Node.js**, and **Firebase (Auth, Firestore, ML Kit)**

Employee Database

- **Java** Swing application using **relational databases** to store employee data

MealPal Reserver

- script to automatically login and book meals on MealPal every day with **Python** and **Selenium**

Find more projects on GitHub. References available upon request