SYED AAMIR TAHIR

|  |  |
| --- | --- |
| Contact | Highlight of Qualifications |
| AamirTahir.com  AamirTahir  saamirt  saamirt@gmail.com  647 • 745 • 4836 | * 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 Software Engineer Intern – *Under NDA* | May 2020 – August 2020 |
| IBM DevOps Engineer Intern – **Given highest recommendation** | May 2019 – August 2019 |

* 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 Software Engineer Intern – **Given highest possible overall evaluation** | May 2018 – August 2018 |

* 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** though **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