SYED AAMIR TAHIR

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| Contact | Highlight of Qualifications |
| AamirTahir.com  AamirTahir  saamirt  saamirt@gmail.com  647 • 745 • 4836 | * 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** * Previously worked at **IBM**, and **Deloitte**, with exceptional evaluations |

# Education

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| B. Eng, Software Engineering Co-op | September 2017 – April 2021 |

McMaster University, Hamilton ON

# Experience

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| 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**

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| 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

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| Kyrie - Garden Monitoring System |  |

* WiFi 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**

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| Therapio |  |

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

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| Coffee House |  |

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

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| BlockVote |  |

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

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| Employee Database |  |

* **Java** application with GUI using **relational databases** to store employee data
* Focused on integrating **efficient algorithms and structures** and effective version control

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| 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