SYED AAMIR TAHIR

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| Contact | Highlight of Qualifications |
| AamirTahir.com  AamirTahir  saamirt  saamirt@gmail.com  +1 647-745-4836 | * Worked at **Amazon, IBM**, and **Deloitte**, with exceptional evaluations * 4th Year Software Engineering Student at McMaster University * Proficient in React, Python, Node.js, SQL, Java, Arduino, etc. * Skilled with **algorithms, web development, web scraping, IoT, CAD, DevOps,** and **Adobe Creative Suite** |

# Education

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| McMaster University | September 2017 – April 2021 |

B. Eng., Software Engineering Co-op

# Experience

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| Amazon Software Engineer Intern – **Given highest recommendation** | May 2020 – August 2020 |
| * **Reduced time from over 4 weeks to a few days** for Amazon Tax internal dataset onboarding * Designed and implemented new automated dataset onboarding system using **AWS (Glue, DynamoDB, Step Functions, SNS, CloudFormation, etc.),** **Scala,** **and** **Python** * **Reduced lines of code required by 92%** per dataset onboarded by creating generalized AWS resources to handle multiple datasets * Created **JavaScript** extension to automatically download Amazon Chime conversations which was used by internal employees across Amazon during Amazon’s move to Slack | |
| IBM DevOps Engineer Intern – **Given highest recommendation** | May 2019 – August 2019 |

* Proposed, conceptualized, and developed a **high-performance testing automation framework** using **containerized parallel test executions**
* Framework created with **Selenium Grid, Docker, 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 new hires into a new team combining emerging technologies
* Worked as **lead full stack developer** using **Node.js, Python, MongoDB, Angular, Azure**, and **IBM Watson**

# Projects

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| 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** 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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| BlockVote |  |

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

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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