

ABRAHAM OMOROGBE

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WORK EXPERIENCE

-  **Microsoft AI, Bellevue, WA** **May 2018 – August 2018**
Program Manager Intern on Cloud and AI
 - Worked on introducing Deep Reinforcement Learning capabilities to the Azure ML Python SDK
- Program Manager Intern on AI and Research **May 2017 – August 2017**
 - Worked on customer discovery, customer analysis, feature specification for internal AI tool. introduced feature that increased search agility in the primary experimentation tool by almost 50%.
 - Performed data analysis on over 1TB of logs data and formulated critical insights that have been leveraged to improve user experience on internal AI tool.
 - Developed Advanced Filter feature for internal AI tool **using C# and WPF.**
-  **IBM, Cognitive & Advanced Analytics Solutions, Toronto, ON** **January 2018 – April 2018**
Cognitive Software Developer Co-op/Senior Software Architect
 - Take over the role of the Senior Software Architect for a month on a multi-million-dollar AI project.
 - Responsibilities include modeling and designing solutions based on client's requirements and communicating with international remote teams. Worked with Node.js, Python, IBM Cloud, Elastic Search, Postgres and SPSS.
-  **Power Systems IT - Information Solutions, Hydro One, Toronto, ON** **May 2016 – August 2016**
Engineering intern
 - Created a **multi-threaded Python web crawler** to validate over 300 ,000 links and documents and generate detailed reports on broken links on Hydro One's intranet. Saving senior developers weeks of work.
 - Developed a User Acceptance Testing web application with **Angular, Web APIs, Entity Framework, ASP.NET, MVC 5 and C#.** Improved an application's testers ability to track changes, test results and scheduled tests.
-  **Blackberry Identity (BBID) Team, BlackBerry Limited, Ottawa, ON** **May 2015 – August 2015**
Software Developer Intern
 - Converted BBID Selenium **Automated Testing Suite from JavaScript to Python.** Improved test setup and debugging time by over 500%, and reduced code by over 60%.
 - Developed a **multi-threaded data migration and obfuscation** tool for Cassandra databases in Python. Improved a developer's ability to debug and fix consumer issues by cutting response times from 2 business days to 6 hours.
-  **Canvas Group Canada, Toronto, ON** **July 2014 - Present**
Founder and Director of Software
 - Developed websites for multiple clients. These websites resulted in an average of 90% increase in user engagement
-  **McMaster University, Hamilton, ON** **September 2015 – May 2017**
Teaching Assistant for Engineering Computation and Software Engineering: Binding Theory to Practice
 - Instructed **Python and Java programming** labs of over 50 first and second year engineering students, working closely with the professor and other teaching assistants to facilitate laboratory exercises.

EDUCATION

-  **Bachelor of Software Engineering and Management Co-op** **May 2019**
McMaster University, Hamilton, ON
 - Perennial Dean's List Student. Relevant Coursework: Data Structure & Algorithms, Concurrent Software Design & Construction, Principles of Programming Java, and Computer Architecture

RELEVANT PROJECTS

- Cryptocurrency Network (2018):** Developing suite of web tools to enhance crypto-trading on multiple markets.
- Coursity.me V2.0 (2016):** Web app that automatically puts student's course calendar into any device's calendar.

LANGUAGES AND TECHNOLOGIES

- Java, Python, HTML5, CSS3, JavaScript, PHP, SQL, Node.JS, JQuery, Angular JS, Selenium, C#, ASP.NET

PROFESSIONAL DEVELOPMENT



President, NSBE (National Society of Black Engineers), McMaster Chapter

April 2015 – April 2017

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