

Abdullah Khalid

akhal022@uottawa.ca | 819.431.9165 | <https://akhalid-dev.github.io/>

EDUCATION

UNIVERSITY OF OTTAWA

BASC IN COMPUTER ENGINEERING

cGPA: 3.9/4.0 - Summa Cum Laude

Security Clearance Level:

Enhanced and Reliability

CERTIFICATIONS

Google Developer Scholarship

IBM Cloud Practitioner

IBM BlockChain Practitioner

Cisco CompTIA A+

SKILLS

PROGRAMMING

- Python • JavaScript • Ruby
- C# • TypeScript • Java • SQL
- C/C++ • PHP • CSS/SCSS

TOOLS

- Eclipse • IntelliJ • Android Studio • VSCode • Visual Studio • JIRA • Unix • Slack

TECHNOLOGIES

- Ruby on Rails • Node JS
- Express JS • React • jQuery
- AWS • Docker/Kubernetes
- GIT • RESTful WebServices
- Bootstrap • MongoDB

INTERESTS

| Web development | APIs | Backend | Database | Security | Client/end user advocate

AWARDS

U of Ottawa Merit Scholarship

Dean's Honour List

The Duke of Edinburgh's Award

FAVOURITE BOOKS

- The Lean Startup - Eric Ries
- The Adventures Of An IT Leader - Rich.L Nolan
- Inspired - Marty Cagan

EXPERIENCE

IBM | SOFTWARE ENGINEER |

Sep 2017 - Aug 2018 | Ottawa, ON

- Worked with clients on a regular basis to get use cases for product enhancements, solving a total of **320 cases in 12 months**, with a Net Promoter Score (NPS) of **98 percent**.
- Constantly **highest ranked intern** in terms of client satisfaction and the number of client cases resolved.
- Designed and coded a **Java plugin on Jenkins** for the Business Analytics Cognos pipeline. The plugin automated the continuous deployment of virtual machines and made the build process **faster by 50 percent**.

MICROSEMI CORPORATION | SOFTWARE ENGINEER |

Jan 2017 - Apr 2017 | Ottawa, ON

- Built a data-sheet conversion application using **.NET** and **C#**; minimizing the time considerably for next generation company's micro-controllers.
- Worked on the hardware-software interface programmed in **C**, doubling the featured settings for micro-controller users.
- Provided a new front-end interface for micro-controller; **enabling access for people with disabilities**.

PROJECTS

E-COMMERCE SHOP: RETAIL MARKET

Jan 2019 - Dec 2019 | Ottawa, ON

- Implemented an online e-commerce solution using **Node** and **Express.JS** for backend and **React.JS** for front-end; resulting an average of five thousand dollars in sales every month.
- Designed data storage system using **NoSQL** database called **MongoDB**; thus allowing straightforward horizontal and vertical scaling of shop data.

MULTIMEDIA SIMILARITY ALGORITHM FOR DETECTING RESEMBLANCE

Sep 2018 - December 2018 | Ottawa, ON

- Created a **GraphQL API** web service solution using **Ruby on Rails** that provided resemblance between two multimedia files with above 96 percent accuracy.
- Utilised OS-level virtualisation using **Docker** and **Kubernetes** eliminating disparity between development and production environments.
- Leveraged **Continuous Integration(CI)** to maintain smooth testing and deployment system.

COMMUNITY

- Organized student robotics competition for **IEEE applicants**.
- **Mentor** to first year university students in engineering and computer science.
- Strat24 Hackathon **1st place** Prize Winner - 5000 dollars in funds and an Invite to New York 2018.