

Abdullah Khalid

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EDUCATION

UNIVERSITY OF OTTAWA

BASC IN COMPUTER ENGINEERING

cGPA: 3.9/4.0

DISTINCTION: SUMMA CUM LAUDE

CLASS OF 2020 | OTTAWA, ON

CERTIFICATIONS

Google Developer Scholarship

IBM Cloud Practitioner

Full-stack web developer Nanodegree

React Udacity Nanodegree

SECURITY CLEARANCE LEVEL:

Enhanced and Reliability

SKILLS

PROGRAMMING

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

TECHNOLOGIES

NodeJS	Express JS	React
Flask	AWS	Docker
GIT	REST	GraphQL
Rails	Postgres	MongoDB

TOOLS

Eclipse	IntelliJ	XCode
VSCode	Unix	Slack
JIRA	Jenkins	Visual Studio

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 CO-OP |

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 CO-OP |

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 Jan 2019 - Present | 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.
- Integrated an online payment system using the **Stripe platform**; allowing purchases using Visa and Master cards.

IMAGE SIMILARITY DETECTION Jan 2020 - Apr 2020 | 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 HIGHLIGHTS

- Strat24 Hackathon **Prize Winner** - 5000 dollars in funds and an Invite to New York 2018.
- Hosted a series of professional **development workshops** in UOttawa from 2015.
- Tutored **math and programming** courses and held exam review sessions for students during mid-term and final exam.
- Participated in numerous local and national **hackathons and competitive programming** events during the school year.