

Abdulrahman AlAttas

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Toronto

Canada

Education

University of Alberta

BSc Honors in Computing Science

Intended grad: May 2022

GPA 3.8

- **Relevant Coursework:** Computer Systems & Architecture, Operating Systems, Network, Databases, AI & ML, Algorithm, Data Structure, Software Engineering, Linear Algebra, Calculus
- **Other Courses:** Neural Networks and Deep Learning (2018), Swift (2015), .NET (2010)

Technical Skills: C/C++, Python, RISC-Assembly, Java, PHP, SQL

Work Experience

IBM, Toronto, Canada

May 2020 - Present

Compiler Intern, IBM Runtimes

- Working on [OMR](#) & [OpenJ9](#) JIT compiler. Improving the codegen and optimizer for a better **Java** performance.

University of Alberta, Edmonton, Canada

Summer 2019

Research Assistant

- Worked with **RISC-V** ISA, [RARS](#) **Open-Source** project. Explaining basic computer architecture concepts using assembly.

Savola Group, Jeddah, Saudi Arabia

Summer 2012

Application Developer

- Developed a front-end raw-commodity prices iOS app using **Obj-C**, making it more convenient for the Commodity Risk Management team to check current prices. Dealing with customer requirements and User Experience.

Projects

Shajarati - Side project

- Front-end iOS app developed using **Swift**. Working with a family-tree online database with 15K+ entries. Released 3 versions, 6K downloads.

TeamWork Dashboard - Class Project, CMPUT 401

Winter 2020

- **GitHub crawler** and contribution analytics for Profs and TAs to understand different members' contributions to a project. Mainly worked on the back-end server, [GHCrawler](#), MongoDB, and making the middleware REST APIs using **React**.

iShelf - Class Project, CMPUT 301 (Intro to SE)

Winter 2019

- Book borrowing Android application developed using **Java** and Firebase. Worked in a team of six students following **Agile** practices.

Other

- **Socket Programming**, TicTacToe recursive-search AI player, blog using PHP and SQL DB, and personal utilities.

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- **Full scholarship** from the [Hadhramout Foundation](#) (Yemen), based on high school and standardized tests grades, being 1-of-15 undergrad students in Canada.
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