Abdulrahman AlAttas

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Edmonton
Canada

Education

University of Alberta   Intended grad: May 2022
BSc Honors in Computing Science   GPA: 3.8

- **Relevant Coursework**: **Computer Systems & Architecture**, **Operating Systems**, **Program Analysis**, Network, DB, AI & ML, Algorithms & Data Structure, SE, Linear Algebra, and Calculus.

- **Other Courses**: Neural Networks and Deep Learning (2018), Swift (2015), and .NET (2010)

Skills

- **Technical**: C/C++, RISC-Assembly, Java, Python, Scripting, and different Operating Systems.

- **Work**: Performance Investigation, Problem Solving, Debugging issues and unexpected behaviour in softwares and systems, Testing and getting new hardware compatiable and supported.

Work Experience

IBM, Toronto, Canada
Compiler Intern, IBM Runtimes   May 2020 - August 2021
Student on Call, IBM Runtimes   September 2021 - Present

- Working on the Open-Source OpenJ9 & OMR JVM **JIT** compiler. Improving the codegen for a better **Java** performance and investigating sophisticated JIT & system problems. Ensuring performance & reliability for our customers on exicsting and new platforms.

University of Alberta, Edmonton, Canada   Summer 2019
Research Assistant

- Worked with **RISC-V** and the 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 with 6K downloads.

TeamWork Dashboard - Class Project, CMPUT 401   Winter 2020

- **GitHub crawler** and contribution analytics for Profs to visualize different members' contributions to a project. Worked on the back-end server and with GHCrawler, MongoDB, and REST APIs using **React**.

Other: Socket Programming, TicTacToe search AI, a blog with PHP & MySQL, and personal utilities.