ABDUL **ARIF**

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LinkedIn · GitHub · Portfolio

EDUCATION

University of Windsor - Bachelor of Commerce (Honours) – Business Administration and Computer Science (Double Major) with a specialization in Supply Chain and Business Analytics, and a Minor in Mathematics

Windsor, ON   September 2018 – August 2022

- Relevant coursework: Data Structures and Algorithms, Computer architecture, Introduction to Software Engineering, Computer Networks, and others

EXPERIENCE

Code Ninjas - Code Sensei   March 2021 – Present

Brampton, ON

- Taught kids ages 7-14 how to code in a fun, non-intimidating way – by playing and building video games they love. Became an expert on the coding curriculum and taught kids according to their belt level. I used Scratch.edu, Game Development Platform (JavaScript, Python, Lua, Unity) and the challenges grew more difficult as the kids progressed belt levels.

OceanSource Technologies - Software Engineering Student Intern   August 2020 – December 2020

Windsor, ON

- I worked with the Machine Learning team to develop an application for medical professionals. Built databases using SQL and for GUI we used Python.

Enactus - Youthrive Mentor   September 2019 – August 2020

Windsor, ON

- I taught students in grade schools and high schools how to start their own businesses. I developed better communication skills and will make an excellent team member as I can express myself while staying respectful.

Odette Finance Association - Event Planner and Technical Support   September 2019 – August 2020

Windsor, ON

- I helped advertise our Events using social media and by informing people. Helped solve bugs they had with their computers. Can fix technical problems your company might face concerning your software.

ACTIVITIES

Lemonade Brigade Fundraising campaign   July 2020 – August 2020

Windsor, ON

- Fundraised as part of the Lemonade Brigade campaign and **raised $1000 online** for the Windsor Essex Care for Kids Foundation **during the pandemic**

Hackathon

- Competed in 3 MLH Hackathons [GrizzHacks4 (2019), cuHacking (2020), WinHacks (2020)]

ACADEMIC PROJECTS

ScheduleSoft   September 2020 – December 2020

- ScheduleSoft is a scheduling application intended to make managing appointments for clients and companies easier. Constructed a final project using **MySQL**, **Java**, and integrated **Junit**

Network Application   September 2020 – December 2020

- Application in project include IPDetection, PortDetection, TCPFloodAttack, UDPFloodAttack, NodeLocation, and NodeLANScan. Able to spy on your neighbours, the job creator can direct the job seekers to report the IP address and MAC address for every live host who shares the same LAN with the job seeker, the job creator detects the job seekers that share the same LAN if any. **Python**

The Game of Nim   January 2020 – April 2020

- Nim is a mathematical game of strategy in which two players take turns removing objects from piles. On each turn, the user must remove at least one object the goal of the game is to avoid taking the last object. AI has different difficulty levels which the user can play against. **Java**

Phonebook   September 2020 – December 2020

- A key (user inputted) is converted into an integer index by using a hash function. The applications in the phonebook include adding name and number of contacts, remove a contact, find a number, find name, display all contacts, and display the size of the phonebook. **Java**

SKILLS

PROGRAMMING

Java • JavaScript PHP • SQL • C •HTML • CSS
Familiar: • Python • Shell