Alfath Zikir

Contact

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Profile

Detail-oriented international student graduating with a BSc in Computer Science at the University of Calgary. Experienced team player that can adapt to multiple different environments. Skilled at high and low-level languages, seeking to improve and gain knowledge and apply them in the professional world.

Education

Bachelor of Science
Computer Science
University of Calgary
2016 – 2021

Skills

Programming Languages
Java, C++, Python, 6502 Assembly, HTML/CSS, JavaScript

Database Management System/Cloud
SAP HANA/BW, MySQL, Azure

Data Visualization Tool
Power Bi, Tableau

Other Framework/Tools
Microsoft Office Suite, Git

Experience

Business Intelligence Intern
Suncor Energy • January 2020 – December 2020 • Calgary, Alberta

- Daily data visualization, analyst, and modelling consulting.
- Worked closely with another intern and the business to automate stewardship reports, saving employees over 150 hours of excel work per month.
- Worked alongside a project lead to visualize and analyze data using R to find costly outliers and find reasons behind.
- Configured Informatica to the business database to start data profiling and data quality assurance.
- Trained in Power BI, Azure, Celonis – Process mining and SAP Hana/BW

Banquet Staff
MacEwan Conference & Event Centre at University of Calgary • January 2020 – December 2020 • Calgary, Alberta

- Worked collaboratively with people ranging from 2 to 30 people to execute, dismantle and set up variety of events for up to 2000 people.
- Worked closely with the clients to anticipate any mishaps or solve any problems that happens during the events.

Languages

English, Bahasa Indonesia, French

Projects

Website Portfolio
Web developer • January 2021 – Current

- Utilizing React JS to build a website to showcase my experience and projects.
- Developing the website while also creating mini projects that showcase my skill in web development.
- Utilizing different JavaScript libraries such as P5.js and Web API to develop the mini projects.

Certification

Microsoft Azure Fundamentals

Activities

President of PERMIKA Calgary (Indonesian Students' Association)
VP of Computer Science Undergraduate Society at U of C
VP of UNICEF on Campus

Interests

Recreational Activities
Camping, soccer, basketball, volleyball, tennis, and cooking.

Technology
Computer hardware, mobile devices, internet security, artificial intelligence, augmented reality.

Retrogames
Project Lead • January 2021 – Current

- Utilized 6502 Assembly to create a retro game in the VIC-20.
- Learned the VIC-20 machine and 6502 Assembly using the machine manual.
- Collaborated with 3 other people and delegated tasks to ensure everything goes smoothly.

VibeChek: Mobile Application
Developer • September 2019 – December 2019

- Developed a mobile application that allows people to check out a venue live without having to be there in person.
- Worked closely with another developer and 3 business students to create a business model and technical report
- Utilized firebase to create a database and authentication system and Google map API to create the application

Restaurant Management System
Developer • September 2019 – December 2019

- Utilized MySQL and NodeJS to create a database system for a website that allows users to browse through all restaurants around an area.
- Collaborated with a team of 3 people and implemented an SQL injection prevention system on the website.

UI Design
Designer • January 2019 – May 2019

- Worked closely with a team of 5 people to create a user interface of a mobile application that allows people to connect through sports.
- Created multiple low-fidelity and high-fidelity prototypes of the potential system using Balsamiq and Adobe XD

Game Development: Mr. Penguin
Developer • January 2017 – May 2017

- Worked closely with a team of 6 people to develop a game like Pac Man with modifications
- Created an AI like the Pac-Man ghost AI that chases the player throughout the game.