Abdullah Morrison

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EDUCATION

UNIVERSITY OF OTTAWA   GPA: 3.04

Sept. 2018 - Dec. 2022

Honours Bachelor of Science in Computer Science (Co-op)

Relavent course work:
- Data Structures and Algorithms
- Programming Paradigms
- Operating Systems
- Databases
- Intro to Artificial Intelligence
- Design and Analysis of User Interfaces

TECHNICAL SKILLS

General Development
C#, Java, Python, Go, Prolog, Scheme, Git/GitHub, NodeJS, NPM

Frontend
React, Angular, Vue, TypeScript/JavaScript, HTML, CSS/SCSS/SASS, Bootstrap, jQuery, PHP, ThreeJS

Backend
ExpressJS, MonogoDB, MySQL, PostgreSQL

Planning & Design
ER Diagrams, Relational Diagrams, UML Diagrams, Figma, AdobeXD

EXPERIENCE

Microsoft | The Coalition   MAY 9, 2022 – AUG. 26, 2022
Software Engineering Intern

- Helped developers more efficiently assign build failures to others by updating The Coalition's Microsoft Teams message bot with **C#**.
- Helped users more easily find their tests in The Coalition's performance test website by updating The Coalition's performace test website with **VueJS** code.

76ENGAGE   SEPT. 7, 2021 – DEC. 24, 2021
DRUPAL DEVELOPER

- Improved ability for users to find images to add into their site by creating a **VueJS Plugin** to add Shopify burst images into Drupal 9.
- Used **Drupal** to improve the functionality and design of 76Engage websites by adding features.
- Set up my development environment using **Docker**

DIGITAL MAIN STREET   JAN. 4, 2021 – MAR. 31, 2021
WEB DEVELOPER/DESIGNER

- Transformed the websites of 12 small businesses in Ottawa and improved their customer's shopping experience by redesigning their website UI and improving backend features through creating/updating product information and adding widgets.
- Used **Shopify, WordPress, SquareUp. Wix, Squarespace,** and created **wireframes**.
- Collaborated with a two digital marketers to integrate digital marketing tools like facebook pixel onto websites, a copywriter to improve the quality of copy on websites , and a graphic designer to add beautiful graphics on the websites.

UNIVERSITY OF OTTAWA   JUN. 4, 2020 – AUG. 21, 2020
SOFTWARE ENGINEER

- Developed an intuitive and interactable interface stores data on athletes in the University of Ottawa using **PHP**, **MySQL**, **JavaScript**, **CSS**, and CanvasJS.
- Designed the database used in the backend through entity-relationship and relational diagrams.
- Designed the frontend with wireframes (**Figma**).

ADDITIONAL EXPERIENCE

ART CAMP VOLUNTEERING   JULY 5, 2017- JULY 17, 2017
Ashbury College

- Taught kids art techniques like animation and t-shirt design while collaborating with a teacher and another volunteer.
- Researched games to play with the kids during my spare time.

PROJECTS

Alveus Ambassadors
github.com/abdullahmorrison/AlveusAmbassadors

A Twitch extension that showcases the animals that the Twitch streamer, Maya owns under her stream.
- Made with the MERN stack (**MongoDB, Express, React NodeJS**).

THE PGP SCALE
pgpscale.netlify.app
github.com/abdullahmorrison/PGPScale

A mindfulness website that tracks what a user thinks of their likelihood of achieving their goals.
- Made with the MERN stack (**MongoDB, Express, React, NodeJS**).
- Incorporated Google login with OAuth2.

MAYA BINGO
mayahigabingo.com
github.com/abdullahmorrison/MayaBingo

A bingo website about the Twitch streamer, Maya
- Made with **Angular**

SUPERTF BINGO
supertfbingo.com
github.com/abdullahmorrison/SuperTFBingo

A bingo website about the twitch streamer SuperTF.
- Made with **VueJS**.
- 111 users at peak, 2 average daily users since Dec. 2021