Omar Abdelhadi

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EDUCATION

CARLETON UNIVERISTY
BS in Computer Science, Artificial Intelligence and Machine Learning, 4th year standing
Start Date: September 2020
Expected December 2024 | Ottawa
GPA: 3.86/4

AVAILABILITY

Type: Full time / Internship
Start: January 2024
Duration: 4-6 months

LINKS

linkedIn.com/in/omarabdelhadi129
github.com/omarabdelhadi129

COURSEWORK

Operating Systems
Introduction to Systems Programming
Abstract Data Types and Algorithms
Fundamentals of Web Applications
Geo-spatial Programming
Intro to Machine Learning
Software Engineering
Programming Paradigms

SKILLS

LANGUAGES
Python • Java • JavaScript
C/C#/C++ • Haskell • Prolog • HTML
• CSS3 • JSON • NumPy

TOOLS
SQL • Microsoft SQL • MySQL
MongoDB • Node.js • React
Bootstrap • Next.js • REST
Docker • Git • GitHub
Android Studio • Visual Studio
Jira • Bitbucket • Blackduck
Azure • AWS • CI/CD Piplines

OPERATING SYSTEMS
Linux • Mac OS X • Windows

LANGUAGES

English• French • Arabic

EXPERIENCE

SOFTWARE DEVELOPER | Barracuda Networks LTD
September 2022 – August 2023 | Ottawa, ON
- Develop and maintain software in C# and TypeScript, focusing on microservices, aggregator services, and frontend for the Barracuda SMP app.
- Actively participate in planning and decision-making meetings, collaborating with the team to address required changes and assigning tasks to individuals based on their areas of focus.
- Mainly responsible for managing and maintaining the frontend repository by reviewing pull requests, setting up workflows, and build actions in GitHub, ensuring code quality and adherence to best practices.

WEB DEVELOPER | Getit Local Technologies
May 2022 – August 2022 | Ottawa, ON
- Developed automated test plans and scripts to identify software issues in various applications, using TestFlight and Android Studio.
- Collaborated with engineers to design innovative products for Getit applications, tracking progress with Jira and managing commits with SmartGit.
- Created responsive mobile-ready SPAs using React Native and JavaScript ES6, gaining experience in iOS and Android app development with XCode and Android Studio.

TEACHING ASSISTANT | Carleton University
June 2021 – Current| Ottawa, ON
- Teaching Assistant for courses in the Department of Computer Science
- Conducted weekly laboratories, assignment workshops, and private office hours to assist students with course material and code debugging
- Graded assignments, tests, and exams, ensuring timely feedback for students
- Collaborated with professors, students, fellow Teaching Assistants, and Lab Coordinator to facilitate a seamless educational experience for students

PROJECTS

POKEMON TCP SERVER | C
July 2021 – August 2021
- Developed a Pokémon search engine utilizing a TCP server, allowing clients to request specific search types. Implemented a multi-threaded server for efficient search execution and prompt delivery of results to the client via the TCP connection

ONLINE FOOD ORDERING SYSTEM | HTML, CSS, Node.js
November 2021 – December 2021
- Developed an online web app enabling customers to log in, sign up, order food, and view other users' profiles and their orders, while considering authentication and privacy settings. Implemented user-configurable privacy settings, allowing users to choose between public and private account visibility.

PERSONAL WEBSITE | HTML, CSS, JavaScript
June 2021 – July 2021
- Developed a personal website using HTML, CSS, and JavaScript to showcase my background, skills, and knowledge