

Julian Mendoza

SOFTWARE DEVELOPER · DEVOPS | AGILE | FULL-STACK

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Summary

A passionate developer with a strong background in software design and analysis. Driven by working on all aspects of the software development cycle; a valued contributor from concept to production.

Education

Carleton University

BACHELOR OF ENGINEERING - SOFTWARE

- **Graduated with Distinction:** Dean's Honor List throughout all semesters

Ottawa, Ontario

Sept. 2017 - June. 2022

Work Experience

Canada Revenue Agency

IT DEVELOPER - ONLINE CHAT SERVICES

- Supported the development team in implementing and fixing features requested by the business clients.
- Aligned the end-user interface with WCAG2.0 standards to ensure the product meets accessibility requirements.
- Helped in performing a security evaluation to ensure that the vendor meets all security standards for the CRA.
- Explored the integration of generative AI into online chat by using Azure OpenAI and Azure Cognitive Search.

Ottawa, Ontario

June 2022 - Present

QUANTITATIVE ANALYST INTERN - ARTIFICIAL INTELLIGENCE PROJECT MANAGEMENT OFFICE

- Supported AI project teams to help align with the *Directive on AI* to ensure responsible creation of AI.
- Developed and maintained internal business relations with project teams who promote the use of AI within the agency.
- Analyzed governing processes for project gating; developed frameworks and tools to ensure projects are aligned to solve business problems.

Jan. 2022 - June 2022

IT DEVELOPER INTERN - MAINFRAME DEVELOPER EXPERIENCE MODERNIZATION PROGRAM

- Lead a team of four students to propose a minimum viable product for the current mainframe development ecosystem.
- Developed a Java plugin for Compuware's Topaz IDE. Ability to run, compile and view jobs on z/OS.
- Learned the basics of z/OS; COBOL, JCL, ISPF and Endeavor.
- Worked in an Agile environment, contributed to daily scrum meetings and bi-weekly sprints.

Sept. 2021 - Dec. 2021

IT DEVELOPER INTERN - CLOUD TECHNOLOGY EXPLORATION TEAM

- Created a web-based dashboard in Angular 8 to show statistics conducted from a twitter sentiment analysis.
- Used front end JavaScript libraries to create responsive based on the data received from the sentiment analysis.
- Conducted research on the applications of cloud technologies – received a certificate on Azure fundamentals.

Jan. 2020 - Apr. 2020

Carleton University

TEACHING ASSISTANT (4 SEMESTERS) - SYSTEMS AND COMPUTER ENGINEERING DEPARTMENT

- Taught first year students programming fundamentals; data management and image processing in Python.
- Helped second year students understand different sorting algorithms and basic data structure designs.
- Involved in teaching OOP to second year students. Explained the concepts of abstraction, encapsulation, inheritance, and polymorphism.
- Marked midterms, assignment, labs, and projects for classes with 400+ students. Ability to provide constructive feedback on a short notice.

Ottawa, Ontario

Sept. 2019 - Apr. 2021

Projects

Graph Reporting Tool

CAPSTONE PROJECT | PERN STACK | CI/CD

- Designed and created a web application to be used by Carleton's faculty of Engineering to create customized reports to gauge the performance of the graduating cohort.
- Used modern software designs and project management practices to deliver projects on time.

Mock Survey Monkey

SIMULATE SOFTWARE DEVELOPMENT IN THE REAL WORLD | AGILE ENVIRONMENT | SPRING BOOT | JAVASCRIPT

- Constructed an appropriate CI/CD pipeline using Travis CI with deployment in a Heroku application.
- Source control using Git, review and send pull requests on a weekly basis, view project progression via Kanban

Skills

Languages: Java, Python, JavaScript, TypeScript, C, HTML, CSS, C++, PHP

Technologies: Git, Azure, Maven, Spring Boot, React, Angular, Flask, Pandas, Linux, PostgreSQL, MongoDB

IDE: VSCode, IntelliJ, Atom, Eclipse