

NIRMITH D' ALMEIDA

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EXPERIENCE

Assent Sept. 2021 to Dec. 2021
Software Developer Intern · Ottawa

- Employed best coding practices to develop and deploy Assent internal web tools and microservices used by multiple teams with JavaScript, Typescript and Angular.
- Collaborated effectively with software development team within various departments to develop additional feature using C# and JavaScript.
- Assisted developers in identifying and alleviating bugs and software defects to be resolved in order to provide satisfaction to users.

Bahrain Royal Flight May 2021 to Aug. 2021, May 2022 to Current
IT Intern · Bahrain

- Assisted in installing, configuring, and maintaining personal computers to match the required IP configurations as per the server setup
- Developed dynamic databases using VB .NET and SQL, to improve overall functionality of system software and implement newer features for clients.

EDUCATION

Carleton University Sept. 2019 to Current
B.S. Computer Science 2024

- Received Entrance Scholarship for achieving 85% aggregate in School
- Summer Volunteer at Carleton Computer Science Society

SKILLS AND TECHNOLOGIES

PROGRAMMING: JavaScript, Java, C++, C, HTML/CSS, Node, Express, Sqlite, Python, MongoDB, Mongoose, Haskell
COMMUNICATION: English, Hindi
OTHERS: Heroku, GitHub, Windows, Linux, Docker, Swagger, Jira, Jenkins

PROJECTS

Library Management System Jan. 2022 to Mar. 2022

- Used Python and SQL to model a Library Management System for Admin user's who can add books or users, donate books to users provided it is in stock and generate monthly reports.
- Utilized Entity Relationship diagramming principles, RDBMS concepts to prevent creation of duplicate and redundant data and Source Control such as GitHub to revert back commits to successful deployed features.

Report Generator Mar. 2021 to Apr. 2021

- Created a report generator that takes in real time data using I/O file stream operations and OOP concepts in C++ to implement sorting as per user requirements. Regular testing in C++ to ensure no warning or memory leaks were raised over a period of usage.

Movie Database Jan. 2021 to Apr. 2021

- Used Node and Express JS Server to render Template engines such as Pug that would enable user to register and login as a contributing or a regular user with added privilege's such as adding movies, reviews and looking up movie and people data. Incorporated MongoDB to store user data and contributions to solve the issue of data loss and overriding data.

VOLUNTEERING

Carleton University Science Society Summer Volunteer · Ottawa June 2022 to Current

- Contributed to open-source software to help students in computer science engage and understand discrete mathematics.
- Discussed design structure for open-source software to assist teachers and professors in creating automated grading systems for students.