

Siyad Adan

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EDUCATION

Bachelor of Science, Computer Science Major, CO-OP Option

Sep 2018 - Present

Carleton University, Ottawa, ON

- 4th year Undergraduate, 11.9/12.0 CGPA
- David A. Golden Scholarship Recipient
- Expected Graduation Date: 12/2021

Bachelor of Applied Science, Chemical Engineering

Sep 2013 – August 2018

University of Ottawa, Ottawa, ON

- Magna Cum Laude degree awarded in August 2018

WORK EXPERIENCE

Teaching Assistant, COMP 2406

Sep 2020 – Dec 2020

Carleton University, Ottawa, Ontario

- Held weekly workshops and tutorial activities and assisted students on problems relating to the fundamentals of web applications (JavaScript, Node.js and MongoDB)

Software Developer, (CO-OP)

Jan 2020 – Aug 2020

Barracuda Networks, Kanata, Ontario

- Developed core features and utilities using C# and ASP.NET framework for security-centric remote monitoring and management cloud software for thousands of IT service providers
- Read, reviewed and provided feedback to other developers' code in an Agile environment

Machine Learning Developer, (Work-Study)

Sep 2018 – Dec 2019

Carleton University, Ottawa, ON

- Utilized various API's to gather large datasets for machine learning processing using Python and organized data into SQL database and Excel spreadsheet to prepare for data analysis
- Implemented machine learning models utilizing MATLAB and Python scikit-learn library to solve practical data-driven business problems

Software Developer, (CO-OP)

April 2019 – Aug 2019

Konnexis, Kanata, ON

- Developed utilities and localized process control system software using C# and .NET framework to ensure software meets customer requirements

APPLIED PROJECTS

, Side Project

- Designed and implemented a simple to use social media web application to share positive thoughts and encouraging messages utilizing React, Apollo GraphQL and Semantics UI on the frontend and Node.js, Express and MongoDB on the backend

VID-19, Side Project

- Developed a global COVID-19 tracker web application that highlights the number of infected, recovered and death rates of COVID-19 utilizing React, Material UI, chartjs and the mathdroid COVID-19 API

SKILLS

Languages: Javascript, Typescript, C#, Python, T-SQL, Mongoose, MATLAB, Groovy

Operating Systems: Windows, Mac OS

Frameworks/Tools: React, GraphQL, Apollo, Microsoft Visual Studio IDE/Code, TFS, Git, .NET, Jenkins