

MOE HOSSEINI

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EDUCATION

George Brown, College of Applied Arts and Technology

Sep. 2018 - May. 2021

Advanced Diploma in Computer Programming Analyst

GPA: 3.8/4.0

- Dean's Honour List, 2019 - Present
- Relevant coursework: Full-Stack Web Development, Python Programming, Data Science, DevOps, Mobile Application Development (Java, React Native), Data Structures and Algorithms, Agile Software Development

WORK EXPERIENCE

The Daniels Corporation - George Brown College

June. 2020 - Present

Research Assistant - Full-Stack Web Developer

Remote

- Extensive logical and physical **data modeling** experience using ER Diagrams and Dimensional data modeling
- Implemented **RESTful APIs** using **Django REST framework** for the use of external services along with API authentication and **Swagger** documentation
- Developed the back-end of the web application using **Django Framework** along with designing the front-end using **HTML5, CSS3, JavaScript, JQuery, Bootstrap**
- Experienced in handling data and performing CRUD operations on **MySQL**; Leveraged Google Firebase for mobile app push notifications

George Brown College

Sep. 2019 - Present

Teaching Assistant

Toronto, ON

- **TA** for Data Structures and Algorithms, Web Development, and DevOps courses
- Provided students with one-on-one tutoring and regular out of class assistance

Freelancer

Sep. 2018 - June. 2020

Full-Stack Web Developer

Remote

- Utilized HTML5/CSS3, JavaScript, jQuery and Bootstrap to improve the existing web pages and add appealing features to the front-end design
- Responsible for all stages of the project from the initial design to front-end and back-end development
- Implemented back-end features using NodeJS, ExpressJS and MongoDB

Pizza Nova

Sep. 2018 - Sep. 2020

Restaurant Assistant Manager

Toronto, ON

- Communicated well and used strong **interpersonal skills** to establish and maintain effective working relationships with officials, employees and customers. Learned strong written and oral **communication skills**
- Coordinated and assisted complex client and customer requests, including supervisor calls resulting in conflict resolutions and customer satisfaction
- Strong ability to thrive in a fast-paced environment while striving to increase productivity

PROJECTS

- **IMDB-Based Web Application** – Developed a movie rating platform using **NodeJS, ExpressJS** and **MongoDB** with **RESTful routing**, where users can review, rate and comment after being authenticated. Implemented all of the stages of the project from schema design, routing, authentication and deployment while considering common security issues such as Mongo injection and XSS
- **Sudoku Solver - Python** – Utilized multiple elimination-solving algorithms to help minimize the time complexity of the recursive algorithm | Implemented a **recursive backtracking algorithm** to solve a given problem by testing all possible paths towards a solution

SKILLS

Languages	Python, JavaScript/ES6, C#, Java, HTML/CSS, SQL
Tools & Frameworks	Django, Node.js, REST APIs, MongoDB, ASP.NET, Bootstrap, Microsoft Azure, Git

ACHIEVEMENTS

- Selected as one of the 33 candidates at the national ASPIRE Challenge Innovation and Industry, February 2020
- Achieved 2nd place in the Calgary Chess Association 2017 tournament