





James Morales

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EDUCATION

Ivey Business School, Western University, London, ON 2022 - Present
Bachelor of Arts, Honours Business Administration (HBA)

- Relevant Courses: Decision Making with Analytics, Managerial Accounting, Finance, Leadership, Communications
- Scholarships: Edward Sullivan Award in Business \$4,000
- Extracurricular: Junior VP of Ivey Analytics Club, Ivey Consulting Club, Ivey Tech Club

Western University, London, ON 2020 - Present
Bachelor of Engineering, Software Engineering GPA: 3.9

- Relevant Courses: Algorithms and Data Structures, Web Technologies, Databases, Project Management, Scripting Languages
- Scholarships: Heaslip \$30,000 ; Western Distinction \$2,500
- Extracurricular: Western Engineering Competition Director, Foundations of Engineering Excel Mentor, Intramural Soccer

SKILLS

Certificates: Google Project Management, Codecademy Intermediate JavaScript

Languages: JavaScript, HTML/CSS, Java, C#, SQL, Python, Typescript, R

Developer Tools: Git, GitHub, VS Code, IntelliJ IDE, Postman, Jupyter NoteBook, Google Colab

Technologies/Frameworks: AWS EC2, Nginx, Node.JS, PostgreSQL, MongoDB, Azure DevOps, React, Unity, Excel

EXPERIENCE

Ontario Health – Digital Services, Toronto, ON May 2023 – September 2023
Business Systems Analyst

- Employed Scrum methodologies under Agile principles to manage project workflow; facilitating seamless collaboration within a diverse team of software engineers, product managers, and other key stakeholders
- Led Scrum meetings, managed work items and ensured timely execution of tasks; increasing sprint velocity by 18% over 8 sprints
- Created a dynamic dashboard on Microsoft Azure DevOps to monitor task completion and team productivity with the use of Burndown, Gantt Charts, and graphs, providing transparent progress reports to clients, improving client satisfaction

Visor Guys Moving Ltd., Windsor, ON May 2022 – September 2022
Project Coordinator (<https://visorguys.com/>)

- Directed a team of 5-10 to complete project tasks by utilizing waterfall methodologies to streamline project execution; resulting in a 15% improvement in project time delivery
- Automated pricing process through the development of an Excel cost calculator which reduced calculation errors during raw materials procurement; resulting in a 20% increase in profit margins
- Utilized Microsoft Projects for scheduling and Excel for tracking/reporting, leading to enhanced project predictability

PROJECTS

Superhero Community Platform | <https://github.com/jamesmoraless/Hero-Hub-PERN-Stack> Fall 2023

- Developed "HeroHub," a full-stack web application using the PERN stack (PostgreSQL, Express.js, React, Node.js), enabling users to explore, manage, and review a comprehensive superhero database
- Designed a responsive UI with React; facilitating efficient navigation and features like search, list creation, and community reviews
- Deployed on AWS EC2 and managed server configs, security groups, and storage optimization for efficient cloud-based operations

PERN Stack URL Shortener | <https://github.com/jamesmoraless/URL-Shortener> Spring 2023

- Developed a full-stack URL-shortening service with mentorship from a Senior Software Engineer at Shopify; contributing to clean code, project architecture, and the development of a robust application
- Engineered a robust RESTful API using Node.js and Express for data storage and generation in a PostgreSQL database
- Implemented a secure user registration and authentication system utilizing Bcrypt for password hashing and JSON Web Tokens (JWT)
- Constructed front-end with JavaScript, React, HTML, CSS, and fetch methods for back-end interactions

E-Commerce Website | <https://github.com/jamesmoraless/EcommerceAPI> Fall 2022

- Constructed a full-stack e-commerce web app leveraging JavaScript, HTML, CSS, React, Node.js, Express.js, MongoDB, Stripe API, and JWT, demonstrating a comprehensive understanding of modern web development tools
- Conceptualized and implemented key functionalities, including product filters, payment processing, shipping options, and an intuitive UI, aligning app with business needs and user expectations

Stock Price ML Model | <https://github.com/jamesmoraless/Python-Stock-Price-Predictor/tree/main> Fall 2022

- Created a Machine Learning model to predict the stock price of Microsoft (MSFT) by using Python3 and Google Collaborate
- Used a recurrent neural network called Long Short-Term Memory (LSTM) and visualized data using Pandas and NumPy libraries

INTERESTS

Languages: English, French and Spanish

Highschool Achievements: Windsor-Essex Soccer All-Star, 2x Soccer MVP, 2x Football MVP, 4.0 GPA, IB Diploma, French Diploma

Interests: Coaching high school soccer, fantasy football, Marvel comics, Star Wars, innovative technology, gym