James Morales

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EDUCATION

Ivey Business School, Western University, London, ON   2024
Candidate for Bachelor of Arts, Honours Business Administration (HBA)
- Scholarship**:** Elizabeth Sullivan Award in Business $4,000

Western University, London, ON   2022
Candidate for Bachelor of Science, Software Engineering
- GPA**:** 3.7
- Scholarship**:** Western Entrance Scholarship of Excellence $2,500

WORK EXPERIENCE & PROJECTS

Stock Price Predictor, London, ON   Summer 2022
- Created a Machine Learning application to predict the stock price of Microsoft (MSFT) by using Python3 and Google Collaborate
- Employed an artificial recurrent neural network called Long Short-Term Memory (LSTM)
- Visualized data using graphs and imported essential Python libraries such as Numpy and Pandas

URL Shortener, London, ON   Summer 2022
Software Mentee
- Collaborated with Senior Software Engineer at Shopify through Github and Slack; created an API used to store user data and generate shortened URLs as a personal project
- Applied proper software architecture, Git usage, project testing tools/processes and API implementation
- Utilized JavaScript with OOP principles, SQL, and HTML to integrate back and front end of the application

eHacks Hackathon, London, ON   Spring 2022
Software Developer
- Developed a business model along with a viable software product and presented it to a panel of judges
- Completed 3 training workshops on React and basic API fundamentals; led and undertook ideation of UI

"Restoration of Eldya" RPG, London, ON   Spring 2022
Software Developer
- Partnered with 3 students to build a 2D role-playing game on Unity with C#, achieving a 96% grade
- Led group discussions on user experience and project deliverables as focal points throughout 3 phases
- Catalogued project progression using UML diagrams and executed tests, providing reports to TA's; performed structured and unstructured testing, functional and technical testing for game functionality

Visor Guys Moving Ltd., Windsor, ON   Summer 2021
Lead Project Coordinator (https://visorguys.com/)
● Coordinated project tasks with 5-10 workers; adopted execution plan and monitored progress to report a comprehensive briefing for management
● Automated pricing process by building an Excel cost calculator; increased profit margins by 20% by decreasing calculation errors when ordering raw materials

OTHER ACTIVITIES AND INTERESTS

Skills: Excel(Advanced), *Java*(Advanced), *JavaScript*(Advanced), *Python(Advanced), Typescript (Intermediate), C#(Beginner), SQL(Advanced), HTML(Intermediate), CSS(Beginner), Git(Intermediate),* and strong in computer science fundamentals such as **OOP**, algorithms and data structures
Languages: English, French and Spanish
Clubs: Ivey Analytics Club **Junior VP**, Ivey Tech Club member, Ivey Consulting Club member
Interests: Soccer, fantasy football, Marvel comics, anime, tech