Manuel Lemos

Extremely passionate software development engineer in test, with 3+ years of experience in automated test development and framework architecture.

📞 (289) 230-6593   @ mannylemos@outlook.com   📍 Markham ON, Canada (Open to Remote)

Links

🌐	Portfolio	**mannylemos.github.io**
⌂	GitHub	**MannyLemos**
in	Linkedin	**Manuel-Lemos**

Skills

SOFT
- **Communication**
- Project **Ownership**
- **Tenacious** Work Ethic
- **Presentation**

TECHNICAL
- Test **Architecture**
- **UI** Testing
- **API** Testing
- **Clear Defect Logging**

LANGUAGES
- **Java**
- **Python**
- JavaScript
- C
- SQL

PRODUCT MANAGEMENT
- Agile
- Scrum
- **GitHub**
- TestRail

FRAMEWORKS
- **JUnit**
- Next.js
- Handlebars
- Angular

CI / CD
- **Jenkins**
- **Shell**
- Vercel
- Heroku

LIBRARIES
- **Selenium**
- **Gson**
- React
- Tailwind
- requests
- openpyxl

Education

MCMASTER UNIVERSITY
Bachelor of Mechatronics Engineering Co-op

📅 2018 - 2023   📍 Hamilton, CA
- **3.8 GPA** - 10.7 on 12 Point Scale
- McMaster University Presidents award scholarship recipient

Awards

📅 November 2024   📍 IBM - Watsonx

Outstanding Technical Achievement Award for Image and Document Vector Indexes

Experience

SOFTWARE DEVELOPMENT ENGINEER IN TEST
IBM – Watsonx

📅 Oct 2023 – Present   📍 Markham, ON
- Developed and analyzed UI automation tests for the watsonx AI development platform, assuring **quality** for monthly self-hosted releases and weekly SaaS releases to 7+ regions.
- **Revolutionized** a **JUnit** testing framework used by 30+ developers dramatically reducing test **development time**, and **CI Server load**.
- Created a **Python** data pipeline that collated data from UI test runs into spreadsheets improving **collaboration** and **debugging**, reducing QA approval time by **>50%**.
- Created numerous zero-maintenance scripts and apps to automate time-consuming tasks for the QA team.

BUSINESS INTELLIGENCE DEVELOPER - CO-OP
Curtiss-Wright Indal Technologies

📅 May 2021 – Aug 2022   📍 Mississauga, ON
- Developed efficient data analysis, projection, and reporting tools for various departments using VBA, and Python.
- Created a data pipeline from an oracle business system to a shared network drive that allowed critical reports to run.

Projects

MMA PAPER-BETTING WEB APPLICATION
Passion Project

📅 Aug 2023 – Present   📍 Burlington, ON
- Used **Python** with **BS4** to scrape data into a **mongoDB** database, and analyze existing user bets.
- Created a full stack Next.js web app **continuously deployed** on **Vercel** enabling users to place fake money bets on upcoming fights and research historical fight(er) data.

Technologies:
Python, **git**, **Vercel**, **Web-Scraping**, MongoDB, Next.js, Node.js,

PROJECT MANAGEMENT WEB APPLICATION
Professional Project

📅 Apr 2023 – May 2023   📍 Burlington, ON CA
- Developed a handlebars full stack project management web app **continuously deployed** on **Heroku**.
- Created a REST API to handle project data retrieval, user authentication, and session management.

Technologies:
git, **Heroku**, **AWS** S3, MongoDB, Handlebars, Express, Auth0.

CYCLOPS RIDE ASSIST
Academic Project at McMaster University

📅 Sep 2022 – Apr 2023   📍 Hamilton, ON
- Designed and Manufactured a real time bicycle mounted ride monitoring device.
- Developed a **multi-threaded python** program to drive real time data collection, video recording, crash detection, and rear vehicle detection.

Technologies:
Git, **Python**, Multi-threaded, Arduino, I2C, Serial, FFMPEG, OpenCV.