

Michael LaRocca

Summary

Full-stack software developer with a background in business management and investments. Trained at The Tech Academy software developer boot camp, graduated with honors, and earned a certificate in software development. Innovative problem-solver seeking an entry-level opportunity as a junior developer. I'm passionate about learning new technologies and developing my skills. Posses strengths in attention to detail, analytical thinking, creativity, teamwork, and building projects from ideation to execution.

Skills

Programming/Development: C#, Python 3, Java, JavaScript, OOP, CSS, HTML, Rest API development

Frameworks/Libraries: ASP.NET, .NET Core, Razor, Entity Framework, Django, jQuery, Ajax, React, Node.js, Docker, JSON

Database: Microsoft SQL Server, Stored Procedures, SQLite, TSQL

IDEs: Visual Studio, VS Code, PyCharm, IDLE, Netbeans

Version Control: GitHub, Git

Project Management: Azure DevOps, Agile Scrum Methodologies

Non-Technical: Attention to Detail, Critical Thinking, Problem-Solving, Communication, Teamwork, Time Management, Research, Adaptability, Learn Quickly

Projects

C# ASP.NET Web-Application: <https://github.com/Michael1388/ASP.NET-CMS-Web-Project>

- Developed the About page using HTML and CSS styling and design based on Client specifications.
- Developed the Rental Histories database model and CRUD pages.
- Used jQuery for front-end functionalities and created a user-definable sorting application.
- Worked with a development team to complete assigned project stories using ASP.NET MVC, Entity Framework, and debugging.
- Contributed to the existing code base as an Agile Scrum development team member.
- Technologies used: C#, ASP.NET, MVC, Entity Framework, HTML, CSS, Bootstrap, JavaScript, JQuery

Python Django Web-Application:

https://github.com/Michael1388/Python_Projects/tree/main/TheCasualGardener

- Developed back-end CRUD functionality for The Casual Gardener web application using Python.
- Designed front-end CSS styling for each CRUD page.
- Implemented RESTful API and created functionality to save and delete results.
- Contributed to the existing code base as an Agile/Scrum development team member.
- Technologies used: Python, Django, HTML, CSS, JavaScript, Rest API

Python File-Transfer Program:

https://github.com/Michael1388/Python_Projects/tree/main/Exercises/Tkinter_Sqlite

- Produced a simple Python program that checks a chosen source directory and moves all files created within the past 24 hours to the destination directory.
- Created Python Tkinter GUI to allow for better visualization.
- Technologies: Python, Tkinter

Python Student Tracking Database Program:

https://github.com/Michael1388/Python_Projects/tree/main/Exercises/Tkinter_Sqlite/Student%20Tracking%20App/student_app_project

- Developed a SQLite database in Python to track student information and enrolled courses that allow users to add and delete students from a scrollable list.
- Created Python Tkinter GUI to allow for better visualization.
- Technologies used: Python, Tkinter, SQLite

Relevant Experience

C# Software Developer Intern | Prosper IT Consulting - Portland, OR

April 2023

- Skillset: C#, ASP.NET MVC, Entity Framework, HTML, Bootstrap, CSS, JavaScript, jQuery, Ajax
- Internship role responsible for the About page creation, styling, and creating the Rental Histories section CRUD functionality using Entity Framework, C#, JavaScript, jQuery

Python Software Developer Intern | Prosper IT Consulting - Portland, OR

February 2023

- Skillset: Python, Django, RESTful API, HTML, Bootstrap, CSS, JavaScript
- My internship role was responsible for creating the Django web application's CRUD functionality. It also involved implementing Rest API, and CSS styling of all relevant pages.

AI Large Language Model Training | Appen - Outlier.ai | Adam Project

July - August 2023

- Artificial Intelligence Large Language Model Training (AI LLM) project named "Adam".
- Participated in the Training of the LLM and Quality Assurance portions of the Adam project.
- Helped finalize the project and close the remaining tasks.

Additional Experience

Equity Research Analyst | ML Investments - Foley, AL

Jan 2021 - Jan 2023

- Skillset: Equities Research, Trade Execution, Asset Management.

General Manager COO | Full Spectrum Apparel - Foley, AL

May 2012 - Jan 2021

- Skillset: E-commerce, Business Management, Business Analysis and Strategy, Logistics and Supply Chain Management, Purchasing, SEO, SEM, Website Management, Shopify stores, Social media management

Education

Software Development Boot Camp | The Tech Academy - Portland, OR

Nov 2022 - May 2023 - Graduated with Honors

- Completed an immersive Full Stack Software Developer program of 900 hours of instruction and hands-on coding. I graduated with honors.
- Predominantly based on C#, Python, and JavaScript languages, we also covered the fundamentals of Computer Science. We worked with software frameworks Django, .NET Framework, Entity Framework, ASP.Net and .NET core, JQuery, Vue.js, React, and others. We also learned RESTful API creation, CRUD function, MVC and MVT patterns, Database T-SQL / SQL, MsSQL server, SQLite, along with web markup languages HTML5, XML, CSS, BootStrap, and experience working in an Agile / Scrum project management environment hosted on the MS Azure DevOps platform.
- The program objective was to "graduate well-rounded full-stack, junior-level developers ready to enter the workforce".
- Completed numerous practical projects while in attendance. Some of those project links are above in the projects section. All course works are on my GitHub.

Java Programming | University of Helsinki

August 2023 - Current

- Currently learning Java Programming 1 and Java Programming 2, each consisting of approximately 250 - 300 hours of study and hands-on programming in an interactive sandbox testing and grading environment.

Python Programming | University of Michigan

Oct 2022 | 99.08 %

Certificate: <https://www.coursera.org/account/accomplishments/certificate/P6JET9GK443C>

- Completed the certification for - Python for Everybody - Getting Started with Python - online course with a 99.08% pass rate.
- 19-hour basics of Python programming course with hands-on application,
- writing code, testing code for accuracy, and submitting completed coding tests.
- Skills Gained: Python programming, syntax and semantics, data structure, tuple

Real Estate License | Alabama State License

July 2007

- Completed online real estate courses and passed the Alabama state exams on my first attempt with a 97% pass rate.
- Entered the field with Keller Williams Realty as a Realtor.
- Was recruited to work as the Computer Technology Coach for real estate agents in the Orange Beach, Alabama office. I set up realtor websites and harnessed technology as a tool for their businesses.

High School Diploma | Pensacola State College - Pensacola, FL

August 1991

- Completed the core curriculum and received my high school diploma.