Armando Mancino

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Skills

Languages: Python, C++, C#, C, JavaScript, XAML, Solidity, CSS, PHP, SQL, HTML, Java, Swift, Assembly
Frameworks: React, Node.js, Next.js, Jest
Tools/Applications: VS Code, Visual Studio, QtCreator, MongoDB, MySQL, AWS, Vercel, Postman, GitLab, GitHub, EasyWP, WordPress, NameCheap
Languages Spoken: Fluent proficiency in English and French.

Experience

Software Engineer, Matrox – *Montreal*   Sep 2022 – Present
- Developed and implemented new features for web applications and encoder/decoder devices, utilizing full-stack development across various platforms. Worked daily with a diverse set of languages, including C, C++, C#, XAML, HTML, CSS and JavaScript.
- Troubleshoot and resolve software bugs tickets tracked in JIRA.
- Participate in daily meetings, as well as contribute to sprint planning.

Independent Consultant, Digimax Global – *Toronto*   2022
- Provided strategic advice on leveraging existing intellectual property (IP) to drive revenue growth.
- Attended high-level meetings with the Board of Directors, CEO, and CTO to discuss current initiatives, identify potential flaws, and refine ideas to align them with business objectives.

Software Intern, Matrox – *Montreal*   2021
- Assisted in debugging and troubleshooting low-level software issues on various applications using JIRA.
- Collaborated with team members on code reviews, contributing to the improvement of code quality.

Small Business Associate Banker, TD – *Montreal*   2019
- Assisted clients with various banking services, including account management, loan applications, and financial advice, tailored to the unique needs of small businesses through the use of many different software services available.
- Delivered exceptional customer service, fostering strong relationships with small businesses to promote satisfaction.

Projects

Stock Trading Strategy & Backtester - *Python*   mandoh.pythonanywhere.com/backtestHomepage
- Designed a program that lets users combine technical indicators in equities and cryptocurrency to build a strategy.
- Backtested strategies to assess profitability over a predetermined period.

Stock Evaluator - *Python*   mandoh.pythonanywhere.com/analyzeHomepage
- Created a program that takes a stock ticker as input and determines if it is a risky, good, or poor buy based on a number of factors, including revenue, debt, cash flow, total shares, institutional holders, volume, average volume, etc.

Transit Scoring Application - *React*
- Assisted in the creation of a software that scored the availability of the public transit services of an inputted address.

Cryptocurrency - *Solidity*
- Created my own cryptocurrency contract token for educational purposes and deployed it onto a test network.
- Implemented absolute safeguards in the contract that capped the total amount of tokens that can ever be created.

Crypto Arbitrage Algorithm - *Python*
- Built software to monitor cryptocurrency prices across API-accessible exchanges, identifying arbitrage opportunities.
- Automated fund transfers based on inputted thresholds to execute profitable transactions on exchanges.

Education

Concordia University   April 2022
Bachelor of Software Engineering (BEng)   *Montreal, Canada*