

Jerry Pierre

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EDUCATION

Brain Station, Full Stack Web Development Diploma, Computer Software Engineering

Florida International University, Bachelor of Arts: Interdisciplinary Studies

Florida International University, Bachelor of Science: Mechanical Engineering, **(106 Credits Completed)**

TECHNICAL SKILLS

SolidWorks, Visual Studio Code, HTML5, CSS3, Sass, Flexbox, JavaScript, Express, React JS, NPM, Node JS, MySQL, Bootstrap, MQL5, Pine Script, JIRA, Web APIs, REST APIs, OAuth, Heroku, GitHub, Jest, Enzyme, TensorFlow, Puppeteer, Microsoft Office Suite, Adobe Creative Suite, Sketch, Figma, Chrome Developer Tools

Languages: English, Haitian Creole

AREAS OF EXPERTISE

Software Engineering | Platform & Application Development | Data Management & Security | Cross-functional Collaboration | Feature & Service Delivery | Algorithm Design | Technological Enhancements | API Development | System Scalability | Testing Methodologies | End User Experience | Coding | Project Management | Frontend, Full stack, Backend Engineering | Leadership

PROFESSIONAL EXPERIENCE

Software Developer | TraderThings LLC | Miami, FL | **2022 – Present**

- Directed the conceptualization, development, and launch of the organization; Leveraged technical expertise in Node.js, Pine Script, TensorFlow, and RESTful APIs to pioneer the creation of deep learning algorithmic trading scripts in JavaScript
- Engineered ensemble and classification methods, including gradient boosting and random forest trees, to enhance the accuracy and effectiveness of automated trading strategies while optimizing profitability and risk management
- Built an online community platform to facilitate knowledge sharing and collaboration among traders; Incorporated interactive features and educational resources to empower traders with the tools and insights needed for success
- Developed and delivered an e-course and e-book dissecting trading strategies and risk management techniques used in developing the trading algorithm; Distilled complex concepts to effectively engage audiences of varying technical capability

Software Developer | Fortune Finders LLC | Miami, FL | **2023 – Present**

- Led the development and implementation of the organization's strategy and vision Asset Recovery Firm; Guides individuals with filing claims to recover surplus funds post-foreclosure and uphold their rights in accordance with legal statutes
- Developed and implemented strategic business operations; Created a proprietary web scraper using Puppeteer and Node.js to automate research and lead generation processes; Streamlined data extraction from county portals
- Engineered the backend infrastructure of the web scraper utilizing Node.js to enable automated login to county portals and extraction of auction status, details, and involved parties
- Spearheads the integration of React framework for the front end of the web application to enhance user experience and accessibility; Prioritized the development of additional features such as a CRM pipeline and an interactive dashboard

Software Developer | Upwork | Miami, FL | **2023**

- Developed fully customized algorithmic trading scripts using Pine Script for client trading strategies and objectives; Designed code documentation outlining the logic, functions, and parameters of the Pine Scripts for future reference
- Generated back-testing reports, including performance metrics, risk analysis, and optimization insights to inform future continuous improvement initiatives and strategy development
- Created deployment guides with clear instructions for implementing MQL5 scripts on the MetaTrader trading platform; Offered strategy optimization recommendations based on MQL5 script performance for enhanced profitability
- Integrated risk management features such as stop-loss and take-profit levels to protect client capital
- Engaged with clients and key stakeholders to discuss project progress, milestones, and risks, gather feedback, and ensure alignment with expectations; Leveraged discussions to ensure the timely delivery of projects

Product Engineer | Vossen Wheels | Miami, FL | **2018 – 2022**

- Orchestrated communication between customers, sales, and CNC programming teams; Successfully resolved medium to high-complexity issues, and harmonized cross-functional efforts to achieve mutual goals
- Spearheaded the development of vehicle-tailored part fitments and precise production specifications using SolidWorks; Aligned customer requirements and manufacturing standards to enhance efficiency and accuracy in the production process
- Created and maintained Excel spreadsheets by implementing automation to streamline data gathering and processing; Reduced redundancies and eliminated manual data tracking to optimize productivity