Mario Del Real

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Education ———————

Carthage College Kenosha, WI
B.A. Computer Science

GPA: 3.5
Math Minor
Expected Graduation May 2019

Languages ——————

Most Experienced: C++, C, HTML, JS, CSS

Experienced: NodeJS, Java, R, Python, bash

Technology ——————

Visual Studio, Eclipse, UNIX, Qlik Sense, Git, Raspberry Pi, Strategy Studio, Android Studio

Extra-Curricular ——

Velocity Consulting
-Web Analyst Role

Computer Science Club

MadHacks Hackathon

Experience

Web Developer Intern - CNH Industrial May 2018 - Present
Racine, Wisconsin

- Use HTML, JS, CSS, jQuery, and Bootstrap to create web content
- Create and deploy Java apps to an IBM server
- Create batch and ksh scripts to simplify workloads
- Generate reports using Qlik Sense

Algorithmic Trading - Financial Market Research Feb - May 2018
Kenosha, Wisconsin

- Worked with RCM Alternatives from Chicago to develop an algorithm to trade the Soybean Crush Spread
- Used their Strategy Studio application and API to write code in C++ and run market simulations to refine the algorithm
- Presented the team's solution and results at an RCM Alternatives conference where we won first place

Projects

Nintendo Entertainment System IDE Oct - May 2019
JS, HTML, NodeJS

- A localhost web browser application to help developers create games for the NES
- Features a project based environment to start and continue development
- Includes a palette, tile, and code editor
- Utilizes an open source assembler to build a game file from the editors and an emulator to play the game file

Web Reading Tool Chrome Extension Apr - May 2017
JS, HTML

- Click any HTML container on a webpage to extract only the text into a separate tab to launch the tool
- User is able to customize all aspects of the text (color, font, size, etc) without having to worry about auto-playing videos or ads
- A speed reading option displays a single word at a time at the user's desired speed

Achievements

Distinguished Member of Velocity Consulting Award May 2019
The experience I gained from my major helped my team excel in catering to the needs of our client

First Place in RCM Alternative's research presentations May 2018
Went up against U of I at Urbana-Champaign and Notre Dame to present our accomplishments from algorithmic trading

Dean's List 2015-2018
Earned a 3.5+ GPA during five semesters

Recipient of Mary Lou and Arthur F. Mahone Scholarship May 2015
Awarded for academics