Mario Del Real

🌐 mariodelreal.github.io

🔗 in/madelreal

✉ madelreal97@gmail.com

☎ 262-960-2465

Education

Carthage College   Kenosha, WI
B.A. Computer Science
May 2019

GPA: 3.55
Math Minor

Languages

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

Experienced: NodeJS, R, Python

Technology

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

Extra-Curricular

Velocity Consulting
Evaluated a customer's website
traffic, layout, and functionality
to propose a plan that would
increase user subscriptions

MadHacks Hackathon
Partnered with a student to
build a prototype web app that
integrated the Google Maps API
along with state crime reports
to suggest a safe way to reach
your destination

Computer Science Club
Partnered with a student to
build a Google Chrome
extension that solved our
complaints of reading articles
on advertisement heavy
websites

Experience

Web Developer Intern - CNH Industrial   May '18 - Present
Racine, Wisconsin

- Implemented chat functionality to the dealer portal site to decrease the number of calls employees take
- Piloted the integration of Qlik Sense apps into the dealer portal site; the company's first large-scale application integration
- Decreased publishing time of web apps with Batch and Shell scripts

Algorithmic Trading - Financial Market Research   Feb '18 - May '18
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 '18 - May '19
JS, HTML, NodeJS

- Inspired by the need to make development easier for the NES
- Covers the weaknesses to other NES development tools
- Only open source project to have an integrated code assembler and emulator to test a game
- Only open source project to feature a dynamic tile editor

Web Reading Tool Chrome Extension   Apr '17 - May '17
JS, HTML

- Inspired by the desire to read online articles without being disrupted by ads and videos
- Clicking on a text field opens a tab that provides an editor to change font and color settings
- The average adult can double their words read per minute to 500 or more by using the speed reading tool the extension provides

Achievements

Distinguished Member of Velocity Consulting Award   May '19
As the sole member in the organization with knowledge on how to market and gain/retain users for the customer's virtual product, I assisted my team in creating a plan to grow the customer's userbase

First Place in RCM Alternatives' research presentations   May '18
Went up against U of I at Urbana-Champaign and Notre Dame to present our accomplishments from algorithmic trading

Dean's List   '15 - '19
Earned a 3.5+ GPA during six semesters

Recipient of Mary Lou and Arthur F. Mahone Scholarship   May '15
Awarded for academics