

# Mario Del Real



mariodelreal.github.io



in/madelreal



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## 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  
-Web Analyst Role

Computer Science Club

MadHacks Hackathon

## Experience

Web Developer Intern - CNH Industrial  
Racine, Wisconsin

May '18 - Present

- Use HTML, JS, CSS, jQuery, and Bootstrap to create web content
- Create and deploy Java apps to an IBM server
- Integrate APIs and web applications into company websites
- Create batch and shell scripts to simplify workloads

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  
JS, HTML, NodeJS

Oct '18 - May '19

- 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  
JS, HTML

Apr '17 - May '17

- 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) and read without 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 '19

The experience I gained from my major helped my team excel in catering to the needs of our client

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