

MICHAEL ORSCHELN

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https://github.com/moorscheln

Skills/Capabilities/Expertise

Proficiencies: C++, C, Assembly, MATLAB/Simulink, Javascript, HTML, CSS, Photoshop
Framework/Libraries: React, NextJS, & Chakra-UI
Languages: English, Spanish

Education — May 2024

University of Alabama — Tuscaloosa, AL	<i>STEM to MBA Program</i>
<i>Bachelor of Science in Computer Engineering</i>	<i>UA Honors College</i>
Minors in <i>Mathematics, Computer Science, & Spanish</i>	GPA: 3.19 / 4.0
	Expected Graduation: May 2024

Work Experience

SALTO Systems — *Oiartzun, Gipuzkoa, Spain* June 2022 – August 2022
Business Development/Project Management Intern

- Manage Apple Wallet® partnership with the objective to facilitate, train, and expedite development internally, with business units, and in global business.
- Construct and present dynamic document to consolidate intricacies of Apple partnership into an easy-to-understand and comprehensive tool/reference for Chief Sales & Marketing Officer
- Weekly meetings with Apple software engineering and business development managers.
- Present main projects from internship detailing their application in Spanish to coworkers

Charter Capital Management, Inc. — *Boston, MA* May 2021 - June 2021
Associate Intern — <https://chartercm.com/>

- Carefully assess potential risks and opportunities; market fundamentals; cash flow; replacement cost; leverage; and competitive positions before investing.
- Replace existing website with a simpler, updated, more advanced modular, and accessible library.
- Learn to identify opportunities, often caused by inefficiencies in the market, and to create commercial and residential property valuations considering all real estate variables.

University of Alabama — Tuscaloosa, AL April 2021 - January 2022
Ambassador for College of Engineering (ACE)

- Representative for the University of Alabama's College of Engineering for prospective students and families.

Project Experience

EcoCAR, University of Alabama — Tuscaloosa, AL January 2021 – January 2022
Propulsion Controls & Modeling Team Member

- Work alongside members using Simulink, MATLAB, and various other languages to innovate and test essential embedded systems to convert a 2019 Chevy Blazer into an electric, level-two autonomous vehicle.
- Construct and present Energy Consumption Plan to executives.

Honors/Leadership/Activities

<i>Honors:</i>	<i>Activities</i>
<i>President's List</i>	<i>UA Men's Club Soccer Team Captain</i>
<i>UA Scholar</i>	<i>UA Women's Soccer Team Practice Player</i>

Research Interests

ELDEN Lab, Cognitive Neuroscience, Brain-Computer Interface (BCI), Human-Technology Interaction

Additional Information

Interests: UA Men's Club Soccer, Music Production, Bodybuilding, Sigma Phi Epsilon Fraternity