

MICHAEL ORSCHELN

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https://github.com/moorscheln

Skills/Capabilities/Expertise

Proficiencies: C++, C, Assembly, Javascript, Typescript, HTML, CSS,
Git, Circuit Design Software (Cadence OrCAD, KiCad), MATLAB/Simulink,
Microsoft Office, Adobe Photoshop
Framework/Libraries: React, Chakra-UI, NextJS, TailwindCSS
Languages: English, Spanish

Education — May 2024

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

Relevant Coursework: Microcomputers, Digital Logic, Electric Circuits, Electronics I, Data Structures & Algorithms, Software Design & Engineering, Theory of Probability, Linear Algebra, Discrete Mathematics

STEM to MBA: Finance, Accounting, Marketing, Operations Management, Global Business, Innovation

Work Experience

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

- Discovered Apple Wallet® cross functional pain points for project prioritization and communicated the results to the Product Manager
- Built onboarding courses for 64 global business units reducing onboard load
- Designed Apple partnership status tool for Chief Sales & Marketing Officer
- Collaborated weekly with Apple software and business leads
- Presented project applications in Spanish to SALTO leadership

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

- Evaluated real estate investing opportunities through cash flow analysis; market fundamentals; replacement cost; leverage; and competitive positions
- Built user-centric, responsive website with analytical tools and advanced modules
- Reduced market research workload for residential property valuations

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

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

Project Experience

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

- Used MATLAB/Simulink to test and innovate energy efficiency in 2019 Chevy Blazer for classification as an electric, level-two autonomous vehicle
- Designed energy consumption plan

Honors

President's List
UA Scholar

Leadership/Activities

UA Men's Club Soccer Team Captain
UA Women's Soccer Team Practice Player

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