

Daniel Francis Carmichael

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Skills

- Technical Skills [years of experience]
 - Programming Languages (Python [4], JS[4], React[2], SQL[4], CSS[5], HTML[5])
 - iOS/Android/Web Application Developer [5]
 - Adobe XD and Axure Wireframing and Application Iteration [4]
 - NAS Imaging for Home Server Setup [3]
 - Hardware Deployment and Asset Tracking [3]
 - OS Troubleshooting [5]
 - Technical Documentation and Writing [3]
 - Database Management (Firebase, Mac OS X Server, RHEL, Windows Server) [2]
 - UI and UX Design [3]
- Non Technical Skills [years of experience]
 - Professional Written and Oral Communication (Bilingual English/French) [4]
 - Google AdWords Certification [2]
 - Social Media Marketing [3]
 - Advanced Data Visualization and Explanation [3]
 - User Research and Market Analysis [2]

2019 - 2019

VPDCS, Traverse City - IT Intern

- Developed SQL reporting applications used in marketing and internal accounting processes
- Taught new hires how to develop reporting applications
- Bridged the expanse between the IT department and the non technical board members
- Developed SQL data tools and UI components for The Impossible Foods vendor site
- Worked directly with the CEO to communicate essential database migration info

2018 - Now

Freelance Mobile Developer, Traverse City - App Production

- Provided in depth analysis on app function and problems to startups and individuals attempting to produce a mobile or web based application
- Contributed directly to a solution regarding a geolocation roadblock for non technical developers and a new startup in the mobile food industry
- Developed time tracking, order placement, and file sharing mobile applications for personal and public use.
- Aided in the development and management of 5 mobile application developments

- Remotely managed a team of web designers to complete a web application used for career guidance
- Expertise in no-code rich environments as well as classic hard code environments

2021 - 2021

Syr Foods - *App Developer Consultant*

- Aided in UI development of the Syr Foods Mobile Application
- Provided seamless integration solutions for necessary functionality (GPS)
- Developed components for the mobile UI
- Created workflows for integration issues
- Conducted customer research to aid in specific design decisions
- Followed existing trends to create a welcoming interface

2020 - 2021

J Crew IT Helpdesk Technician - *Hardware Deployment Specialist*

- Aided in the implementation of a new POS system in all J Crew stores
- Followed thorough step by step guides to help reduce the clutter of new tech. implementation
- Used ticketing software to ensure teamwork remains through individual projects
- Created a personal process for disseminating information regarding the implementation process
- Designed a personal dialogue flow used to communicate with customers and clients to increase speed and efficiency of new POS integration

2019 - Now

Instructor for Non Technical Founders

- Helped 20 non technical founders develop mobile applications and build their development team
- Used existing and personally developed teaching techniques that allowed for hyper fast understanding of technical concepts
- Used a no code tool to teach the foundation of technical ideas and the React language as an introduction into more advanced tangible technical ideas that impact the development process and the mobile applications features
- Introduced lean development ideologies to specific teams that allowed them to become more efficient developers
- Created a flowchart of instruction for the students to use in the event that they decide to further teach development to other non technical founders

Education

August 2018 - Now

Michigan State University, East Lansing (MI) - *Computer Engineering*

Projected now to graduate at a later date (2023/24) due to covid and life circumstances, I am pursuing a degree as a computer engineer with a goal to complete my masters focusing on robotics and automation.

August 2020 - 2021

Bootcamps and Master Classes - *Programming and Startup Culture*

Learned how to continually manage teams from the inception of an idea through the execution of it and onward. Increased my knowledge of JS, Python, and HTML programming languages and their best practices. No available certifications.

2020 & 2021

Google IT, AdWord, and UI/UX Design Courses - *Professional Development*

Certifications and courses taken to improve my professional abilities.