Will Andreae

SOFTWARE ENGINEER

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machopcodes.github.io

MachopCodes

willandreae

SKILLS

HTML/CSS	JavaScript
Sass	Bootstrap.js
jQuery	Node.js
React.js	Express.js
MongoDB	RESTful API
Oracle SQL	Django
Excel	PowerBI
AJAX/Axios	Git/Github
Handlebars.js	SDLC
Heroku	Scrum/Agile
Data Structures	Algorithms
JSON	MS SQL

EDUCATION

MBA, Management
University of Connecticut,
Stamford, 2018

BS, Marketing,
Miami University of Ohio,
Oxford, 2013

CSSBB, ASQ *2019*

INTERESTS

Miami Sailing Club President, *2013*

Tenor Sax, Miami Jazz Band, *2013*

EMT, Darien EMS, *2007*

EXPERIENCE

Software Engineering Fellow   *May 2020 – August 2020*
General Assembly, New York, NY

12-week intense immersive course for web development. 500+ hours spent learning front and back-end languages and frameworks as well as developing full-stack applications.

FEATURED PROJECTS

- **Captain's Log:** A trip-planning application built using a React front-end interacting with a tide-data API, and a back-end using Python, Django, postgreSQL and Heroku.
- **Art Gallery:** Collaborated with four engineers using Git version control, scrum, and agile application development to build an image hosting website using a React/CSS front-end framework, AWS S3 to facilitate image hosting, and an Express/MongoDB API.
- **MusicMan:** A full-stack networking application for music teachers, allowing users to create and search profiles. Developed with a React/CSS/Handlebars front-end and an express/MongoDB API.

Senior Process Improvement Analyst   *July 2018 -April 2020*
Process Improvement Analyst   *October 2016 – June 2018*
FreshDirect, New York, NY

- Designed and led the launch of two new departments, including process flow mapping, software development, UX wireframing, equipment installation and team management.
- Managed a cross-functional project to implement a leaner order-picking process design that increased plant productivity by 10%.
- Deployed an interactive productivity tracking dashboard utilizing oracle SQL and Microsoft PowerBI increasing department efficiency by 2% saving $100K annually.
- Scripted over 50 testing procedures and identified over 30 defects for new warehouse management system integration.

Demand Planner

Henkel, Stamford, CT   *September 2013 – June 2016*

- Assisted in two successful software implementations through data validation, troubleshooting and user acceptance testing.
- Key player in reducing stock levels from $170M to $75M, inventory write-offs from $14M to $8M & increasing forecast accuracy by 13%.
- Coordinated cross-functional research activities to refine forecast models to reflect updated assumptions with input from sales, marketing, and finance.