







WILL ANDREAE

Software Engineer

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 MachopCodes
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SKILLS

React.js	PowerBI
HTML/CSS	Heroku
JavaScript	Node.js
Socket.io	Django
Express.js	jQuery
Bootstrap	JSON
MongoDB	Excel
Ajax/Axios	Sass
Mongoose	SAP
Scrum/Agile	SQL
Data Structures	Git

EDUCATION

MBA, Management
University of Connecticut,
Stamford, 2018

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

CSSBB, ASQ 2019

INTERESTS

Miami University Sailing Team,
President, 2013

Miami University Jazz Ensemble,
First Tenor Saxophone, 2013

Darien EMS Post 53
EMT-B, 2007

EXPERIENCE

Software Engineering Fellow, General Assembly May 2020 – August 2020

Completed a 12-week / 500+ hour immersive on full-stack web development using a variety of programming languages and technologies. Developed 3 full-stack applications and 1 client application interacting with a third-party API, utilizing Git and Github for version control.

FEATURED PROJECTS

- **Music Man: Socket.io, Express.js, MongoDB, React.js**
A networking application for music enthusiasts that allows users to create, search and review profiles, and message each other.
- **Captain's Log: Python, Django, PostgreSQL, React.js**
A nautical trip-planning application that interacts with an API to fetch accurate tide information based on location
- **Avant G'allery: AWS S3, Express.js, MongoDB, React.js**
Collaborated two developers using Git version control, scrum, and agile methodologies to develop an image hosting application for artists.

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 system 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.
- Collaborated with ERP team to plan and develop and implement solutions for operational problems using Six Sigma methodology.

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.