







# WILL ANDREAE

## Software Engineer

 New York, NY  
 wcandreae@gmail.com  
 203-898-2047  
 machopcodes.github.io  
 MachopCodes  
 willandreae

## 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 – Aug 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  
**Operations Analyst, FreshDirect, New York, NY** Oct 2016 – June 2018

- 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** Sept 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.