WILL ANDREAE

Software Engineer

New York, NY

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machopcodes.github.io

MachopCodes

willandreae

SKILLS

HTML	MongoDB
CSS/SASS	Python
Bootstrap	Numpy
jQuery	Pandas
Ajax	Socket.io
JSON	GIT
React.js	Github
Node.js	JIRA
Express.js	Agile
MongoDB	Excel
Django	PowerBI
Google Analytics	SQL

EDUCATION

MBA, Management
University of Connecticut,
Stamford, 2018

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

CSSBB, ASQ *2019*

INTERESTS

Miami University Sailing Team,
Commodore, 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 html, css, JavaScript, Python and a variety of other bprogramming languages and technologies. Developed 4 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*
  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*
  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 with 2 developers using Git version control, scrum, and agile methodologies to develop image hosting application for artists.

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

- Led software implementations for 2 departments through facility transition, including: documentation of product roadmap and business requirements, collaboration with UX and engineering teams through design and development, and oversight of feature testing and launch.
- Utilized Six Sigma and Agile Methodologies to lead a cross-functional project to optimize order-picking systems that increased plant productivity by 10%.
- Deployed interactive productivity tracking dashboard utilizing oracle SQL and Microsoft PowerBI increasing department efficiency by 2% saving $100K annually.

Demand Planner, *Henkel, Stamford, CT*   *Sept 2013 – June 2016*

- Assisted in 2 successful software implementations through data validation, troubleshooting and feature testing.
- Key player in reducing stock levels from $170M to $75M, inventory write-offs from $14M to $8M and 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.