







# WILL ANDREAE

## Software Developer

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## SKILLS

HTML/CSS	Next.js
React.js	Python
Bootstrap	Pandas
Socket.io	Express.js
JQuery	MongoDB
JIRA	SQL
JSON	Ajax/Axios
Excel	PowerBI
SASS	SAP
SCRUM	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,  
Commodore, 2013  
Miami University Jazz Ensemble,  
First Tenor Saxophone, 2013  
Darien EMS, EMT-B, 2007

## EXPERIENCE

### Full Stack Software Developer, Tred, UK

Jan 2021 – Present

Tred is a mobile platform that incorporates sustainability into banking, allowing you to see your ecological footprint, based on what you buy. [www.tred.earth](https://www.tred.earth)

As a Full Stack Software Developer at Tred, I work on a team of developers collaborating with User Experience team to develop a web application in React.js, Next.js and Material UI, utilizing industry-standard productivity tools including Github, Slack, Trello, and Figma.

### 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.

- [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 launch of 2 new departments, including process flow mapping, software development, UX wireframing, equipment installation and team management.
- Managed cross-functional project to implement leaner order-picking system design 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.
- 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 2 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.