

Michael DiGiovanni

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Python, R, Javascript, HTML, PUG, CSS, SQL, PostgreSQL, Docker, Flask, Node.js, AWS S3, Git, zsh, Mocha, Chai, PHP, Microsoft Office Suite, Illustrator, Photoshop, Power BI, Tableau

PROJECTS

a_sauna (Python, React, Redux, CSS, AWS, Heroku, Docker)

[live](#) | [github](#)

Asana replica with a relaxing twist

- Leveraged AWS to allow user uploaded profile pictures
- Designed RESTful API that queries and display user tasks, projects, and user information

job_quest (Python, React, Redux, CSS, Heroku, Docker)

[live](#) | [github](#)

An original game where user's navigate university to get a degree

- Optimized database using Flask SQLAlchemy to allow for gamified user experience
- Created interactive easy to navigate user interface with CSS grids that maps the rest of the application
- Implemented CRUD functionality for character creation

good_builds (Express, CSS, Heroku)

[live](#) | [github](#)

A GoodRead mimic for constructing furniture

- Implemented dynamic css for positive user experience on all screen sizes
- Created forms that allowed for interactive user design

EXPERIENCE

Sales Representative, Account Manager

Ann Arbor T-Shirt Company, MI

Nov 2018 - Sep 2020

- Scraped public data for online pricing by writing a Python script to aid our positioning and win a large account
- Created a dynamic algorithm to project costs for custom orders
- Built a Python web crawler to automate the uploading of products to web stores and web orders
- Sold over \$500,000 in customized apparel by turning small sales into repeat clients

Data Scientist

Aquent Contractor for General Motors, Detroit, MI

Sep 2016 - Aug 2018

- Created Python scripts to automate weekly reports, saving thousands of work hours each week
- Spearheaded initiative to change the company's benchmark system for reports
- Lead discussion sessions to promote collaboration and teach Python, data analysis, & system design
- Built predictive models, visualized, & produced executive reports based on the analytic findings
- Earned three performance based raises, two leadership-voted awards, & an award for innovation in predictive modeling

Design Intern

Steelcase, Hong Kong

May 2015 - August 2015

- Developed a prototype workspace design to promote collaboration & personal space in crowded workplaces
- Gained international business acumen through the Ross School of Business.

Instructional Aide

Python class, University of Michigan

Jan 2015 - Apr 2015

- Tutored students in Python, graded assignments, & helped structure lesson plans

EDUCATION

Web Development - App Academy | Oct 2020

Bachelor of Science in Information - University of Michigan, Ann Arbor | 2012 - 2016