ALWYN GRANT

(347) 834-3052   marzgrant@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS   **Javascript, Python,** React, Redux, Flask, SQLAlchemy, Express, Sequelize, HTML, CSS, SQL

PROJECTS

Notflix (Javascript, Python, PostgreSQL, Flask, SQLAlchemy, React / Redux, AWS)   **live** | **github**
A pixel-perfect Netflix clone where users can watch, like, and save popular movies trailers.
- Integrated React Player library to dynamically play movie trailers being fetched from AWS-S3 services on load, as well as autoplaying from the browse feed, enhancing user experience and control.
- Programmed the ability to edit a profile with user experience in mind using React useState and Redux store in tandem to load a profiles' existing data when loading an edit form.
- Developed maintainable redux state to capitalize on and streamline RESTful API calls from the frontend server to the backend server.

Inkterest (Javascript, Python, PostgreSQL, Flask, SQLAlchemy, React / Redux, AWS)   **live** | **github**
A Pinterest clone allowing users to upload images of tattoos, organize them with albums, and follow other users.
- Implemented Amazon-AWS-S3 services to store and fetch images to considerably increase image load speed.
- Incorporated a many-to-many self-referential relationship using SQLAlchemy's join tables to establish a connection within the database, allowing users to follow and unfollow other users seamlessly.
- Designed complex timed keyframes across 4 different components sharing one temporal space to create a vertical auto-scrolling carousel effect, enhancing the user experience when opening the app.

Meowdium (Javascript, Express, PostgreSQL, Sequelize, Pug)   **live** | **github**
A web app inspired by Medium with a minimalistic approach built with Javascript and Pug.
- Incorporated PUG as the template engine. With its simplified syntax, block content and mixins were used to dynamically render elements and forms, and heavily DRY up frontend/backend code.
- Utilized CSURF protection and express validators to secure endpoints and data as well as provide smoother user experience.

EXPERIENCE

Accounts Receivable Clerk

Roto-Rooter Services Company   Nov 2018 - Feb 2020
- Created and submitted over 115 approved proposals for plumbing and/or excavation services to be performed within San Bernardino County totaling up to approximately $925,000 in sales.
- Performed collection duties to ensure customers paid outstanding invoices within the allotted NET terms utilizing in-house technology and company provided resources to locate and maintain updated contact information. Within a 2-member team, reduced past due open balance amounts by 65% within a 2-quarter period.
- Created and maintained a live profit & loss spreadsheet detailing profits, losses, and accurate forecasting for each month. Reports were created for four southern California branches and consolidated for the Regional Manager to present during monthly executive meetings.

Dispatch Lead

Genuine Plumbing & Heating LLC   Oct 2017 - Oct 2018
- Mentored new employees on required administrative duties within a 2-week period, and cross-trained existing employees, reducing perceived learning curve, and increasing office functionality and morale for all team members.
- Displayed strong problem solving skills by presenting alternative solutions to complex in-the-moment problems to reduce company costs, while building rapport with new customers and maintaining confidence with existing customers.

EDUCATION

Web Development - *App Academy | Summer 2021 - Rigorous 1000-hour software development course with < 3% acceptance rate.*
BA Education - *Keller school of Management | Fall 2011 - Resigned from academic pursuits in good standing due to financial reasons.*