

TYNA WILLIAM

(616) 256-7018

tynawilliam@gmail.com

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Python, Flask, Javascript, Express, HTML, CSS, SQL, PostgreSQL

PROJECTS

nVision (ReactJS, Python, FLask, SQL)

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

Digital vision boarding application

- Implemented user authentication using Python's werkzeug security hashing functionality on the backend and restricted unauthorized access to user specific site features using Auth Routes on the frontend .
- Designed a digital, vision boarding experience using React DND's drag and drop API, giving users creative control over how elements are laid out on their boards.
- Incorporated AWS S3 to store user boards in the cloud and allow image uploads, reducing server load and improving the overall efficiency of the application.

Petstagram (Instagram Clone) (ReactJS, Python, Flask, SQL)

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

Petstagram is an Instagram clone for pets

- Designed an algorithm to display a custom feed for each user, utilizing React Hooks to update Auth context by calling a backend API for all followees and sorting by most recent uploads to mimic a true Instagram feed.
- Implemented React Context retrieves unique information for each post that is clicked on the feed, allowing users to leave comments and likes on their favorite posts.

Boba With Buddies (Express, JavaScript, PostgreSQL)

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

Boba With buddies is an app to connect strangers in various cities using an Express backend, VanillaJS frontend, and Google Maps API

- Designed backend user authentication using JSON Web Tokens to verify changes to user information such as profile editing, event booking, and deleting.
- Integrated Google maps API into app's search functionality to dynamically produce available event options based on user location preferences.

EXPERIENCE

Service Desk Technician

University of Providence - Information Services

Feb 2019 - Dec 2019

- Installed and maintained software for over 70% of university computers in student labs, library and faculty offices, ensuring that computers were always up to date.
- Troubleshoot distance learning and HR software with distance students as well as faculty and staff, including resetting user information in Active Directory to ensure that everyone always had the access they needed to perform their duties.

Career Center Agent

University of Providence - Career Center

Oct 2016 - Dec 2016

- Coordinated Career Fairs alongside career director for university students and local companies from a variety of fields, to successfully place talented graduates within local companies.
- Designed career center posters for display across campus and the community, resulting in improved student participation and an increase in local partner companies.
- Advised students on various HR related issues and facilitated payments for student workers by serving as a liaison between student employees and the University's HR department.

EDUCATION

Software Engineering - App Academy

Winter 2020

BS Computer Science - Cyber Security - University of Providence

Fall 2019