

TYNA WILLIAM

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[GITHUB](#)

[LINKEDIN](#)

SKILLS

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

PROJECTS

nVision (ReactJS, Python, FLask, SQL)

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

nVision is a digital vision boarding application created using a Python-Flask backend, React Frontend and AWS S3

- 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, thereby reducing server load and improving the overall efficiency of the application. (in progress)

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

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

Petstagram is an Instagram clone for pets created using a Python-Flask backend and React Frontend with AWS S3

- 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 more accurately mimic a true Instagram feed.
- Implemented React Context to get 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 any changes to user specific 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 the user's location preferences.

EXPERIENCE

Service Desk Technician

University of Providence - Information Services

Feb 2019 - Dec 2019

- Installed and maintained over 70% of university computers in student labs, library and faculty offices.
- Troubleshoot distance learning and HR software with distance students as well as faculty and staff, including resetting user information in Active Directory.

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.
- Designed Career center posters for display across campus, and assisted in improving student participation.
- Advised students on various HR related issues and facilitated payments for student workers.

EDUCATION

Software Engineering - App Academy | Winter 2020

BS Computer Science - Cyber Security - University of Providence | 2015 - 2019