JOHNNY PARK

(843) 864-4178   johnnyp4rk@gmail.com

SOFTWARE ENGINEER

PORTFOLIO   GITHUB   LINKEDIN

SKILLS

React, Redux, JavaScript, Python, SQL, PostgreSQL, Sequelize, SQLAlchemy, Flask, Express, HTML, CSS, Automated Testing, Heroku, Render, Docker, Trilingual: Korean (Fluent), French (Conversational)

TECHNICAL EXPERIENCE & PROJECTS

INGESTIBLES - (Flask, ReactJS, Redux, Python, SQLAlchemy, AWS)   live | github
Users can share and find recipes (clone of Instructables).
- Included auto-looping carousel with **React-responsive-carousel** on splash page for a more diverse and dynamic **UI/UX**.
- Used **API** routes with randomized tags in **Flask** along with useState and useEffect to allow users to discover new recipes on the homepage.
- Designed the app to use Amazon Web Services (**AWS**) to allow users to have more freedom for custom media uploads.

LINGOSCAPE - (Flask, ReactJS, Python, SQLAlchemy)   live | github
This is a flashcard-based app, loosely based on Brainscape, but geared specifically towards learning languages.
- Implemented custom search using only **React** frontend by manipulating element display attributes, reducing load times for search results.
- Utilized **React-responsive-carousel** for a more user-friendly **UI/UX** when studying through flashcards.
- Incorporated **useEffect** with dependencies to allow pages to dynamically re-render without having to refresh the page.
- Created database in the backend with **SQLAlchemy** that allows users to persistently keep track of the decks they are currently studying.

PET-TALES - (Express, ReactJS, JavaScript, Sequelize)   live | github
A place for pet-owners everywhere to come together and share special memories and stories with each other.
- Randomized stories on the **React** frontend with useSelector to allow users to easily discover new stories on the homepage.
- Utilized session state and **useSelector** to personalize a logged in user's profile page, displaying their own stories, users they are following, and followers.
- Engineered database using **Sequelize** to allow users to easily like/unlike story and follow/unfollow other users.

ADDITIONAL WORK EXPERIENCE

Quality Assurance Lead / Frontend Developer

In Time Tec   Apr 2022 - Nov 2022
- As lead QA, helped design and test desktop applications with partners from Fortune 500.
- As frontend developer, helped design internal websites using React with partners from cyber security.

Badging Security Specialist

Bishop & Co. / US Air Force   May 2019 - Sep 2019
- Worked with the Joint Personnel Adjudication System (JPAS) to verify authorized security clearance eligibility and granted appropriate level access; this required a high-level of **attention-to-detail** while working in a fast-paced environment.

Cyber Program Assistant Manager / Signals Intelligence Geospatial Analyst / Translator

National Security Agency / US Navy   Mar 2010 - Mar 2016
- Coordinated training for **> 6,000** Cyber Mission Forces (CMF) personnel, demonstrating **multitasking** and **organizational** skills while serving as the main point of contact for NSA's Associate Directorate for Education and Training (ADET) and CMF service leads of the Marines, Navy, Army, and Air Force.
- Served as personal **Korean** translator for top-level admirals during joint US-international military exercises in the Pacific, which highlighted my ability to aid multiple parties toward a common goal through accurate and efficient **communication**.

EDUCATION

Western Governors University - *BS Computer Science*   Graduating 2024
Full Stack Web Development - *App Academy*   Graduated 2021
- *Relevant coursework includes:* JavaScript, Python, React, Redux, HTML, CSS, Express, Flask, PostgreSQL, Middleware, Authentication, Docker, Heroku, Data Structures & Algorithms, Systems Design, Agile Methodologies, Best Coding Practices
University of Hawaii at Manoa - *BA French Language & Literature with Korean Minor*   Graduated 2018