

JOHNNY PARK

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SOFTWARE ENGINEER

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

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

TECHNICAL EXPERIENCE & PROJECTS

INGESTIBLES - Group Project (Flask, ReactJS, Redux, Python, SQLAlchemy, AWS)

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

This is a useful app for people who love cooking and want to share their 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.
- Applied **Docker** container in order to maximize efficiency and decrease deployment time with **Heroku**.

LINGOSCAPE - Solo Project (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 - Solo Project (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.
- Implemented **useState** and **useEffect** to have the comment box to appear only when the user clicked on the add button.
- Engineered database using **Sequelize** to allow users to easily like/unlike story and follow/unfollow other users.

ADDITIONAL WORK EXPERIENCE

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

Full Stack Web Development - [App Academy](#) | Fall 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

BA Education - University of Hawaii at Manoa | French Language & Literature with Korean Minor | 2016 - 2018 (Graduated)
- University of Illinois Urbana-Champaign | Electrical Engineering | 2007 - 2008 (Transferred)