

DAN KIM

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

SKILLS JavaScript | React | React Native | Redux | Apollo | Node | Python | Flask | SQL | GraphQL | Git | Docker | HTML | CSS

EXPERIENCE

UrKip, Software Engineer Intern Remote 2021 - present

- Build and maintain React Native app at an early stage startup for AI career coaching
- Implement infinite scroll in Journal feature by configuring Apollo client and querying GraphQL APIs using gesture handlers
- Add to existing component, screen and navigation libraries to facilitate responsive UI / UX and state management

Bloomberg, Data Mining Analyst Princeton, NJ 2019

- Project: Instant Bloomberg Machine Learning
 - ▶ Classified security exchange data between buy and sell-side on Instant Bloomberg, the chat feature of Bloomberg Terminal with over 325,000 subscribers worldwide
 - ▶ Produced precise and consistent raw data for machine learning development
- Represented a team of 20 data mining analysts to present results to senior members of the data and development teams

PROJECTS

Shibal (React Native, Redux, Flask, SQLAlchemy, AWS, shibe API, Expo, JSX)

[GitHub](#)

Dog training app inspired by DOGO for shiba inu owners to train and bond with their companion on a mobile platform that features online education & social media elements

- Built a maintainable and iOS / Android cross-platform mobile app structured with essential packages and styled with JSX
- Crafted 3 reusable custom hooks to maintain DRY, cohesive code: useApi, useAuth, and useProgress
- Managed nested training progress state within child components with Redux and recursion via useProgress custom hook
- Designed and built Flask server and APIs with validations and protected routes
- Created a Postgres database with proper constraints
 - Eliminated orphan data by enforcing cascade deletion
 - Designed modular, nested training models by using a common sequence for identifiers

WOGOS.com (React, Redux, Flask, SQLAlchemy, RAWG API, JSX, CSS3, Bootstrap)

[Live Site](#) | [GitHub](#)

Single-page e-commerce website inspired by GOG.com for PC games

- Integrated full CRUD user authentication with PBKDF2 encryption and session with JWT to grant user privileges to protected routes such as checkout and session cart versus open routes such as home, store, and visitor cart
- Configured the Redux Store to persist session data as a slice of state, which enabled teammates to implement their features to interact with relevant components as the current user
- Constructed dynamic search bar component that handles user input on change to fetch the Postgres database per keystroke
 - ▶ Conditionally renders desired results with a server-side query that filters and limits results

Dizney+ (Node, Express, YouTube API, Sequelize, AWS, HTML5, CSS3)

[Live Site](#) | [GitHub](#)

Disney+ inspired web app where users can stream 250 trailers from YouTube

- Built the content details page to fetch and render information as well as display suggested videos
- Integrated YouTube API to embed a full screen video player to playback selected content
- Initialized the project boilerplate from scratch with Express server and client following RESTful API
- Organized daily scrum to discuss sprint objectives as well as merge and integrate features developed by teammates

EDUCATION

App Academy New York, NY

2020

1000-hour immersive full stack web development and computer science intensive with 3% acceptance rate

Topics: Test Driven Development, Object Oriented Programming, Agile, Data Structures & Algorithms, and Design Patterns

Brown University Providence, RI

2012 - 2016

Bachelor of Arts in Economics | GPA: 3.7 / 4.0