

# 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

- Project: UrKip Mobile App
  - ▶ Build and maintain React Native app in a team of 4 engineers at an early stage startup for AI career coaching
  - ▶ Implement infinite scroll by designing GraphQL queries and configuring cache fieldPolicies in Apollo client with merge and read functions
  - ▶ Reduce size of app by 40% by optimizing assets and packages, and refactoring codebase
- Attend daily Scrum meetings led by CTO to report progress, discuss updates, resolve issues, and clarify objectives

**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
- 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 and relationships
  - 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
- 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