Freddy Youngjae Kwak

Software Engineer

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Freddy Kwak recently graduated from the University of Pennsylvania LPS Coding Bootcamp in Philadelphia, PA, where he learned how to build MERN full stack applications using multiple coding languages. Thanks to his B.A. in Media Production, he strives to combine creativity, collaboration, and technology in every fast-paced and hyper-focused environment.

PROJECTS

Vapor | *Software Engineer* | https://vapor22.netlify.app
E-commerce site that allows users to purchase PC games online
- Created agile 5-page e-commerce fullstack MERN application (MongoDB, Express, React, Node) using JavaScript & Stripe
- Developed custom service workers, models, and schemas using GraphQL, JWT, PWA, MongoDB, Express, and React

Git That Money | *Software Engineer* | https://gitthatmoney.netlify.app
Currency converting JavaScript application that allows users to understand their currency's worth around the globe
- Created agile features to convert user's currency from present to target country using 2 APIs
- Developed agile features to access user's country code and select other countries with JavaScript, jQuery, Bulma, Node.js

What's Your Weather? | *Software Engineer* | https://whatsurweather.netlify.app
Frontend JavaScript application for viewing current day and 5-day weather forecasts
- Created agile application that allows users to view live weather data for current day and 5-day forecasts for their city of choice using OpenWeatherMap API, jQuery, and Bootstrap
- Developed an agile feature allowing users to save their previous searches to a list and access them using local storage

Rotten or Fresh? | *Software Engineer* | https://github.com/fredkk22/Rotten_or_Fresh
Backend Python application that scrapes Rotten Tomato's website for the current Top 100 Movies in Theaters
- Created an agile application using Python along with BS4, and XLWT modules
- Extracts and saves data onto an excel sheet, allowing users to analyze and view the data efficiently

Little Lemon Site | *Software Engineer* | https://github.com/fredkk22/Rotten_or_Fresh
Backend Django application for a restaurant name Little Lemon
- Created a fully-functioning restaurant site using Python and Django
- Allows users to view menu items, book a reservation, and allows admin users to view/edit all menu items and bookings

Overall Tech Stack: JavaScript, Python, React/Redux, Django, Django REST Framework, API development, HTML5, CSS3, Node.js, Express, jQuery, SQL, SQLite, MySQL, PowerBI, Tableau, MySQL2, Sequelize, Mongoose, MongoDB, RESTful APIs, Git, Babel, PWA, GraphQL, inquirer.js, dotenv, Handlebars, bcrypt, JWT, Bootstrap, Bulma.io, ESLint, OpenWeatherMap API, IP-API, Stripe API, Edamam API

WORK EXPERIENCE

Teaching Assistant   Remote
edX   Dec. 2022 - Current
- Support the instructor during class and office hours by answering student questions and teaching when necessary
- Prepare all intellectual, material, student engagement, and classroom management components prior to each class session

Social Media Manager   Villanova, PA
1Rule   Apr. 2022 – Jul. 2022
- Managed all social media profiles for 1Rule, a start-up E-Sports organization
- Analyzed social media data to create new concepts and utilize trends in E-Sports content
- Edited highlight clips using Adobe AfterEffects & Premiere Pro to upload onto TikTok, Instagram Reels, and YT Shorts

EDUCATION & CERTIFICATES

University of Pennsylvania   Philadelphia, PA
UPenn LPS Certificate in Full-Stack Coding   Jul. 7, 2022 – Oct. 3, 2022

Villanova University   Villanova, PA
Bachelor of Arts, Communication | Graduated Dean's List & Cum Laude   Aug. 2018 – Dec. 2021

ADDITIONAL INFORMATION

LANGUAGES: English (Fluent), Korean (Conversational)

INTERESTS: MCU, Video Game Development, Old Movies, Fantasy Novels, Basketball, Volleyball, Running, Music, Traveling