

# Freddy Youngjae Kwak

## Software Engineer

M: ( 201)-753-0922 | E: [freddykwak123@gmail.com](mailto:freddykwak123@gmail.com) | Fort Lee, NJ |  
L: [www.linkedin.com/in/fred-yj-kwak](https://www.linkedin.com/in/fred-yj-kwak) | G: <https://github.com/fredkk22> | W: <http://www.fredykwak.com>

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, focusing on both the big picture and small details. He is currently searching for full-time opportunities as a **data analyst** or **software engineer**.

## 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
- Developed custom service workers, models, schemas, homepage, and cart using Apollo GraphQL, Stripe, Bootstrap, MongoDB, Express, JWT, PWA, 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
- Implemented an agile feature to access user's country code and give users the ability to select a target country with JavaScript, jQuery, Bulma.io, 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](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

**Overall Tech Stack:** JavaScript, Python, React/Redux, Django, 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

edX

Remote

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

1Rule

Villanova, PA

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

UPenn LPS Certificate in Full-Stack Coding

Philadelphia, PA

Jul. 7, 2022 – Oct. 3, 2022

### Villanova University

Bachelor of Arts, Communication | Graduated Dean's List & Cum Laude

Villanova, PA

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