

# Freddy Youngjae Kwak

## Software Engineer

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Hello! My name is Freddy Kwak, and I am an aspiring software developer who recently graduated from the University of Pennsylvania LPS Coding Bootcamp in Philadelphia, PA. Here, I learned how to build MERN full stack applications using multiple coding languages. Thanks to my B.A. in Media Production, I love to combine creativity, collaboration, and technology in fast-paced and hyper-focused environments where every tiny detail matters. I recently obtained the **Scientific Computing with Python** certificate through freecodecamp.org, and am currently enrolled in the **Meta Back-End Developer Professional Certificate** and **Meta Front-End Developer Professional Certificate** programs.

## PROJECTS (4 of 17)

### Vapor | Software Engineer | <https://vapor22.netlify.app>

E-commerce site that allows users to purchase PC games online

- Created an agile 5-page e-commerce web app like Steam using full MERN-Stack (MongoDB, Express, React, Node)
- Developed custom service workers, models, schemas, homepage, and cart using Apollo GraphQL, MongoDB, Express, JWT, PWA, and React

### Git That Money | Software Engineer | <https://gitthatmoney.netlify.app>

Currency converting 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 application for viewing current day and 5-day weather forecasts

- Created an agile application that allow users to view live weather data for current day and 5-day forecasts for their city of choice using OpenWeatherMap API, jQuery, RESTful APIs, and Bootstrap
- Developed an agile feature allowing users to save their previous searches to a list and access them using local storage

### JavaScript Coding Quiz | Software Engineer | <https://jscodingquiz.netlify.app>

Frontend application that quizzes the user on JavaScript syntax and stores their high scores

- Created an agile application to quiz users on their JavaScript knowledge using HTML, CSS, and JavaScript
- Implemented local storage and multiple web pages in order to save the user's history of scores

**Overall Tech Stack:** JavaScript, Python, React/Redux, HTML5, CSS3, Node.js, Express, jQuery, MySQL, MySQL2, Sequelize, Mongoose, MongoDB, RESTful APIs, Git, Babel, PWA, GraphQL, inquirer.js, dotenv, Handlebars, bcrypt, Connect-session-sequelize, 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

### 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:** Korean (Fluent)

**INTERESTS:** MCU, Video Game Development, Movies, Fantasy Novels, Basketball, Volleyball, Running, Korean Rap, Traveling