

# David J. Kwon

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## EDUCATION

**New York University, May 2023** B.A in Economics

Relevant Coursework: Java and Object Oriented Programming, Python Programming, Intro to Computer Science, Database Design and Implementation, Web design, Statistics, Urban Economics, Intermediate Macro & Microeconomics, Calculus II, International Economics, Econometrics

**Programing Languages:** Python, Javascript, HTML, CSS, Java, SQL, MongoDB, Typescript

**Frameworks:** Angular.js, Node.js, Git, Excel, SQLite

## EXPERIENCE

**Freelance Software Engineer**

*Front-end Developer*

**Up Music Label**

**May 2023 - Now**

- Developed and maintained multiple responsive websites using HTML5, CSS3, JavaScript, and jQuery with a team of four front-end developers, proposing new technology and frameworks to use to benefit the project.
- Collaborated closely with UX/UI designers to ensure accurate implementation of the designed website.

## TECHNICAL PROJECTS

**theNoteApp**

*Full Stack Developer, Angular.js, Node.js, HTML, SCSS, Typescript, Bulma, MongoDB, Express.js*

- Created the front-end of the app using HTML5, SCSS, and Angular.js, pages and different compartments were developed using Angular components. Bulma.io framework was utilized for aesthetics of the web app, including color and icons.
- Files and Angular.js were compartmentalized and organized using Node.js, notes were saved using Node.js as a server and MongoDB as the database. Express.js was used as a framework for the web application.

**Weather App**

*Full Stack Developer, Angular.js, Node.js, OpenWeather API, HTML, SCSS, Typescript*

- Developed a front-end program using HTML5, SCSS, and Angular.js, aesthetically pleasing and user-accessible design, Angular.CLI routing was used to handle API responses to HTML.
- OpenWeather API was accessed using GET methods, files managed by Node.js. App routing and DOM queries were handled by Typescript to make the website more dynamic and handle API responses.

**Emotions of the Bible**

*Full Stack Developer, Python*

- Collaborated within a team to write a Python script that takes in a JSON file of the Bible and sorts chapters and verses by emotion using an unsupervised language model into different Red-Black trees and Doubly-Linked Lists respectively.
- Used algorithms and data structures with the smallest time complexity to code an efficient program that indexes individual verse using a point system to successfully rank each verse by their emotional keywords, version control using git.

**Personal Website**

*Full Stack Developer, HTML, CSS, Javascript*

- Utilized Github pages to create and design as a user-friendly platform, structured website using HTML5, optimized and organized using flexbox and responsive design CSS3 to make a visually appealing page.
- Heightened user interaction and experience using Javascript DOM functions that created responsive websites for the user, contains scrollable website animations.

## OTHER

**Certifications & Training:** EMT-Basic

**Languages:** English (native), Korean (native), Spanish(limited comprehension)

U.S. Citizen