# 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, Econometrics, Intermediate Micro & Macroeconomics, Calculus I & II

## EXPERIENCE

**Midwood Emergency Service**                                                                               **Midwood, NY**
*EMT-Basic*                                                                                           **Oct 2021 – December 2021**
- Utilized extensive knowledge of emergency medicine to treat and transport discharged or injured patients to hospitals and urgent care centers.
- Performed thorough ambulance checks daily and restocked eligible drugs in right dosages.
- Assessed patients and surroundings, gathered detailed information to create comprehensive chart reports of calls.

**Mathnasium**                                                                                                **Horsham, PA**
*Academic Tutor*                                                                                     **December 2020 - July 2021**
- Instructed students with special needs with new, innovative methods of problem-solving in math.
- Educated students in effective problem-solving skills and concepts for SAT mathematics.
- Communicated with teachers daily to formulate and introduce innovative ideas to further the education of the students.

**New York University**                                                                                    **Manhattan, NY**
*America Reads/Counts Assistant*                                                              **March 2019 - May 2019**
- Assisted multiple public school teachers by teaching and guiding a class size of 20+.
- Communicated with teachers daily to formulate and introduce innovative ideas to further the education of the students.

## Technical Projects

**Sorting the Bible by Emotions**
- Collaborated with a partner to write a Python script that takes in a JSON file of the Bible and sorts chapters and verses by emotion into different Red-Black trees and Doubly-Linked Lists respectively.
- Chapters and verses were indexed using an algorithm that utilized word count of specific emotions.

**Resume Website(ongoing)**
- Utilized HTML and CSS to create and design a user-friendly platform, structured website using HTML, organizing with divs and containers, styled with CSS to make a visually appealing page.
- Worked on animation styling with Javascript and GSAP ScrollTrigger to create a dynamic interaction between user and website.

## Leadership

**Encounter Christian Fellowship**                                                               **Manhattan, NY**
**Student leader**                                                                              **September 2019 - May 2022**
- Provided one-on-one mental and emotional support for newly admitted college students.
- Organized with students' parents to formulate solutions and improve participation in the club.
- Coordinated with other leaders to provide the college students with a sense of community.

## OTHER

**Technical Skills**: Python, Javascript, HTML, CSS, Java, R, Git, SQLite, mySQL
**Certifications & Training:** EMT-Basic
**Languages**: English (native), Korean (native)