Garrett Van Beek

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EDUCATION

Bachelor of Science, Mathematics   Cumulative GPA: 3.77   May 2021
Bachelor of Science, Computer Science
Tulane University   New Orleans, LA

Costa Rican Baccalaureate, Class Valedictorian   June, 2017
Marian Baker School   Cartago, Costa Rica

WORK EXPERIENCE

Mathematics Tutor   September 2019-Present
- Tutored students of varying academic abilities in a variety of mathematic subjects including Linear Algebra, Calculus, Computer Science, and Trigonometry.

Static Website Development   September 2018-June 2019
- Launched and managed a static website for Dr. James Hyman's Math-Bio Departament.

Web Development Internship under freelancer, David Quirós   June 2018 – August 2018
- Collaborated on a program for an athletic company to keep track of it payments. See the project
- Designed a user interface (HTML, CSS, Javascript, Vue.js)
- Wrote SQL to create, populate, and run queries on a database (PostgreSQL)
- Exercised high level of discipline while telecommuting and self-teaching languages, frameworks, and packages.

PERSONAL PROJECTS

Education: Minecraft Circuitry   January 2020-May 2020
- Currently writing a curriculum for teaching high-school students about computer circuitry and logic gates using the popular video game Minecraft.
- Launched the curriculum as a website using Jekyll and Github Pages. Also managing the repository on Github.

Android Development   August 2019-September 2019
- Created a simple application with Android Studio to calculate payouts after a casual poker game.
- Launched the app in the Google Play Store and monetized it with Google Adds.

LEADERSHIP EXPERIENCE

Tulane Fencing Club President   August 2018-Present
- Manage budget, order equipment, organize fencing meets, execute fundraisers and recruitment campaigns, attend clerical duties, and aid in hosting the Crescent City Open Tournament.
- Increased club enrollment from 6 to 12 active members.
- Began coaching the club in 2019, I study fencing to prepare lessons that I also teach.

SKILLS

Programs: Microsoft Office, Google Drive, Git, PostgreSQL, Android Studio, Eclipse, IDLE
Libraries, Frameworks, and API's: Pandas (web scraping, data visualization and analysis), MatPlotLib, Seaborn, Tweepy (twitter data API), Vue.js, vue-material, Jekyll (static site generation), Shopify (online store management), PostgreSQL, Scikit-learn
Languages: English (native-speaker), Spanish (Costa Rican high-school diploma)
Programming Languages: Java, Python, C, HTML5, CSS, SQL, Liquid