Garrett Van Beek
Independent Math and Computer Science Tutor
New York, New York, USA

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WORK EXPERIENCE

Mathematics Tutor   September 2019-December 2020
- Tutored students of varying academic abilities in a variety of mathematical subjects including Linear Algebra, Calculus, Computer Science, and Trigonometry.
- Aim to make material relevant, understandable, explicit, and intuitive.

K-12 STEM Internship: Minecraft Education   January 2020-May 2020
- Wrote and taught curriculum for 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.

Juni Learning Computer Science Instructor   January 2021-October 2021
- Taught students grades 3-12 fundamental computer science topics in Java, Python, Javascript.

Software Engineer at American Express   August 2021-Present
- Develop batch processing applications, configure API scans, make security fixes for the Global Risk and Compliance Technology Team. Developing mainly in Java.

EDUCATION

Bachelor of Science, Mathematics   Cumulative GPA: 3.79   May 2021
Coordinate Major in Computer Science

Tulane University   New Orleans, LA

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

SKILLS
- Mathematics: Statistics, Single & Multivariable Calculus (including Analysis), Linear Algebra, Discrete Math, **Tutoring (excellent oral communication),** Trigonometry, lower level courses.
- Programming Languages: OOP (Java and Python), Web Dev (HTML, CSS, Javascript)
- Self-teaching and online learning
- Algorithms and Problem Solving
- Data Science
- Misc. Technology Skills: Windows, Unix/Linux Command Line (1 year of experience), Jupyter Notebooks, git/github

PERSONAL & CLASS PROJECTS

Android Development   August 2019-September 2019
- In entrepreneurial spirit, developed an app to calculate payouts after a casual poker game.
- Brought the project from ideation to production via self-teaching when I launched the app in the Google Play Store and monetized it with Google Adds.

LANGUAGES
- English (native speaker), Spanish (native speaker)