

Anirudh Sharma

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Python

github.com/anirudhforhire20

Experience

Worked on web portfolio

- Designed highly complex frontend components and styles.
- Created an interpreter and “object operating schema” (OOS) from scratch.
- Learned about certain https response headers responsible for security while trying to override them—failed obviously.

Worked on pyVisualize (visualization tool for python)

- Implemented constructor and method overloading to create highly scalable, richer libraries.
- Implemented FFT and other algorithms to cut down slow iterable calculations.
- Learned the intricacies of a 2D/3D rendering engine while trying to create one for pyVisualize.

Worked on VSE(Virtual Stock Exchange)

- Implemented techniques employed in aggregation, storage, and manipulation of big data.
- Cut server load by 23% by building an unconventional API and query response methods.
- Learned how a one-man company can be scaled up to eventually deal with data on a planetary scale(like Google).

Working for Novateurtech Nov 22 - Present

- Created an entire platform for big data analysis and query for biotech companies.
- Working on API optimization to cutdown cpu usage and improve current data algorithms.

Worked for Digifond Solutions Oct 22 – Dec 5

- Created a scalable platform for financial data analysis and interest calculation from scratch.
- Cut server load by 13% and response time by 21% by creating a new request payload communication schema to reduce the number of bytes transferred to and from the server.
- Witnessed the intense QA testing process that goes in to making sure that financial calculations and data are accurate down to the last digit and met with all standards.

Academics

Unweighted GPA: 4.0

SAT Reading/Writing: 690 | SAT Math: 800

- Majoring in Aerospace Engineering
- Took quantum mechanics and statistics to build intuition on big data analysis
- Has strong science and math foundation with perpetual curiosity
- Gained extensive knowledge in multidisciplinary fields
- Has deep passion for science and math.

Why hire me despite my lack of experience?

Robust academic foundation coupled with perpetual curiosity

- Has a strong academic foundation and the right approach to solving problems
- Gained knowledge in many multidisciplinary fields to help think of a problem from multiple avenues.
- Perpetual curiosity to help devise ingenious solutions to complex real world problems.

A shallow, exponential learning curve

- Throughout my 6 months of work history, I've gained about 4 years worth of hands on industry experience.
- With every project I completed, I've surpassed my previous record by applying previous exp gained to new projects.

Dedication and Flexibility

- Over my 6 months of employment, I've written and edited over 800,000 lines of code. About 30,000 on average per week with a margin of 15,000 depending on the work.
- My work schedule and work style have changed everytime according to the clients requirements thus making me the most flexible person on the team.