

Naman Parekh

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EDUCATION

UNIVERSITY OF WISCONSIN - MADISON

[May '25]

Bachelor of Science in Computer Science and Data Science | Minor in Economics

Cumulative GPA: 3.9/4.0

- **Awards:** Prestigious Dean's List Award 3x times
- **Coursework:** Data Structures and Algorithms, Linear Algebra, Multivariable Calculus, Computer Engineering Fundamentals, Discrete Mathematics, Statistical Modelling, Advanced C Programming, Web Development

SKILLS

- **Programming Languages:** Java, Python, C#, HTML, CSS, Bash, R, SQL
- **Graphical Software, Environments & OS:** Visual Studio, IntelliJ, Unity, Photoshop, Linux, macOS, Windows, Dbeaver
- **Software:** Docker, Kubernetes, Jira, GitHub, Microsoft Office, Microsoft Excel, Google Cloud Platform
- **Frameworks & Libraries:** Celery, Flask, GeoPandas, Pandas, Numpy, TensorFlow, Keras, .NET
- **Relevant Certificates:** AWS Essential Training, Stanford Inspirit AI Course on Data Science & Machine Learning,

WORK EXPERIENCE

SOFTWARE ENGINEERING INTERN

Picarro - Santa Clara, CA

[May '23 - Aug '23]

- Collaborated with a diverse software team on transitioning the P-cubed platform's core logic from C# to Python, enhancing flexibility, integration, and interoperability.
- Leveraged SQLAlchemy to optimize Microsoft SQL Server interactions, streamlining complex customer-centric data storage and retrieval processes.
- Executed 80%+ coverage of unit and integration tests via TeamCity, ensuring optimal functionality and efficiency of 'worker' processes
- Assisted team members in debugging code before deployment to QA and development environments, ensuring high-quality software builds.
- Maintained 100% accuracy in generating customer-specific geometric and report data.

SOFTWARE ENGINEERING INTERN

Veer Capital Ltd. - Mumbai, India

[Jul '22 - Aug '22]

- Utilized Java to contribute towards developing a functioning, scalable ERP software, increasing business performance and revenue streams substantially.
- Employed the JUnit testing framework to design robust unit tests, optimizing program accuracy and stability.
- Designed and marketed an NFT project while developing a detailed economic and financial risk analysis for the project.

FRONT-END DEVELOPER AND LEAD MENTOR

MakersBuilders Co. - Dubai, UAE

[Jan '19 - Mar '19]

- Spearheaded the architecture and deployment of the company's website using HTML, CSS, and JavaScript, boosting online presence exponentially.
- Led the assembly and quality testing of robotic components; mentored 15-20 students in programming and robotics using Python and Scratch for an educational initiative.

PROJECT EXPERIENCE

BRAIN BOOST

[Jul '23 - Present]

- Employing HTML, CSS, and JavaScript to implement a user-friendly Chrome extension that enhances productivity by limiting access to distraction-prone websites.
- Identified and addressed a common need among university students to reduce distractions during work/study hours