TANUJ DONTARAJU

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EDUCATION

University of Delaware Honors College   May 2029

B.S. in Computer Engineering   GPA: 3.9/4.0

Relevant Coursework: General Computer Science for Engineers, Introduction to Engineering, Analytical Geometry and Calculus A

CLUBS / ORGANIZATIONS

Engineers Without Borders, CS + Social Good, DevLab App Development, Charity Crossing Volunteering Group

EXPERIENCE AND PROJECTS

Mercor

AI / Software Engineering Corporation   August 2025 - Present
Employee

- Contributed to AI model training by curating and labeling datasets across image, text, and mixed data formats.
- Prepared, organized, and validated datasets to ensure data integrity, consistency, and suitability for high-performance model development.

Poker Game Project   September 2025 - September 2025

Github Link: https://github.com/TanujDontaraju/Poker-Project
Independent Project

- Designed and implemented a fully functional poker game simulation in Python, integrating object-oriented programming, game logic, and UI interactivity.
- Developed and tested key modules including hand scoring, dealer decision-making, and randomized card dealing, ensuring accurate gameplay flow and fair outcomes.
- Utilized data classes and routing with the drafter framework to create an interactive, state-driven interface that tracks player score, dealer behavior, and round progression.

Engineering Project - It's Chalked!   August 2023 - June 2024

Google Sites Link: https://tinyurl.com/4t6bst4v
Group Project

- Collaborated with a partner to design and prototype a device aimed at minimizing gym chalk (magnesium carbonate) spillage by athletes, fostering a cleaner and healthier training environment.
- Utilized Fusion 360 (CAD) to create and refine 3D models, ensuring ergonomic design and efficient containment of excess chalk.
- Conducted iterative testing to evaluate usability, optimize chalk dispersion control, and enhance overall performance and respiratory safety for athletes with high levels of success.
- Presented the finalized prototype and findings to a panel of engineering experts within the Delaware area, receiving constructive feedback and professional validation.

Personal Portfolio Webpage   May 2025 - Present

Github Link: https://github.com/TanujDontaraju/Personal-Portfolio
Independent Project

- Developed a comprehensive personal portfolio website from the ground up using HTML and CSS showcasing technical web development skills
- Engineered dynamic and responsive UI/UX elements to create an engaging and intuitive user experience.
- Currently implementing a mobile/tablet functionality to ensure visual consistency across desktops, tablets, and mobile devices, along with email compatibility for communication purposes.

SKILLS

Engineering Skills: Autodesk Fusion 360 (CAD), Autodesk Revit, VEX Robotics

Programming Skills: Python, JavaScript, Java, HTML, CSS

Currently Working Towards: AWS (Amazon Web Services) AI Practitioner, Proficiency in PyTorch and Tensor Flow