Ananya Singh

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EDUCATION

Bachelor of Science: Computer Science and Engineering   **August 2023- Expected May 2025**
The University of Toledo • Toledo, OH• GPA: 3.7
Recipient, International Rocket Scholarship.
Named to the College of Engineering Dean's list.

Bachelor of Science: Computer Science and Engineering   **October2021-May 2023**
Thapar Institute of Engineering and Technology • India, Punjab. • 2023 • GPA :3.7

Thapar Academic Scholarship.

EXPERIENCE

Team Lead- Park Place Technology, Team: Rapid   **May 2023 - August 2023**
•Collaborated with the Park Place Technology case study team to address fixturing issues related to the appearance of devices across various data stores.
•Coordinated efforts to gather and analyze crucial information relevant to the case study problem, devising an action plan to investigate and address APIs and adaptors. Compiled a comprehensive final report outlining the investigation's methodology, conclusions, solutions, and recommendations.

Extra Certifications

The Web Developer Bootcamp   **September 2023- January 2024**
•Achieved proficiency in HTML5, CSS3, and modern JavaScript to craft responsive layouts.
•Engineered full-stack solutions by skillfully constructing applications with Node, Express, and MongoDB.
•Demonstrated expertise in implementing responsive design using CSS framework (Bootstrap5, Semantic UI)
•Practical Application: Built 5+ projects, including the development of a substantial application called Yelp.

PROJECTS

App Development, Team Member
Juice House-Icode   August 2023 -December 2023
•Managed and optimized the Juice-House app for approximately 10,000 university users, overseeing debugging, updates, and continuous improvements to enhance functionality.
•Actively engaged in collaborative team meetings, fostering problem-solving discussions.

Dynamic Python Game   February 2023
•Mastered Pygame fundamentals for dynamic Python game development, incorporating essential Game Theory concepts.
•Independently engineered and implemented a personalized Snake game, applying advanced graphics, coordinate systems, and game theory principles.

Robocar Project
Thapar Institute of Engineering and Technology   January 2023 – May 2023
•Identified and addressed issues in combined hardware and software system designs.
•Utilized CAD tools to draw schematic diagrams and design PCB layouts for electronic circuits.
•Demonstrated hands-on experience in electronic circuit implementation, testing, and integrated programming for optimization and debugging.

SKILLS

Programming Languages: Java, HTML, Python, MATLAB, HTML, CSS, JavaScript.
Software Proficiency: Microsoft Office Suite (Word, Excel, PowerPoint), Canva, AutoCAD, SolidWorks.
Coursework: Data Structures, Object Oriented Programming, Artificial Intelligence, Java, Signal &Systems.

INVOLVEMENT

Member• ACM (Association for Computing Machinery).

Graphic Design Team Member • Fine Arts and Photography.

IOS Team Member • Juice House I-code.

Member • Eberly Center for Women.

Volunteer •Indian Student Cultural Organization