

Pawan Harikrishnan

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Education:

Pennsylvania State University | University Park, PA

[08/23/21 —

[Expected: 08/23/25]

Bachelor of Computer Science

- GPA: 3.67
- Dean's List for Fall 2021, Fall 2022, Spring 2023
- Member of Capital College Honors Program
- Member of National Society of Leadership and Success (NSLS)

Experience:

- Website Developer Intern — *Indian Statistical Institute & University of Groningen* [05/10/2022 — 08/23/22]

- Designed a website from the ground up to implement Liar's Dice using PHP, JavaScript, MySQL for a research initiative organized by professors from the Indian Statistical Institute in India and University of Groningen in the Netherlands. Website featured 3 AI bots with varying levels of difficulty, multiplayer functionality, and a full-fledged user authentication system.

- Website URL: <http://liarsdice.000webhostapp.com/>

- Multi-Campus Research Intern — *Pennsylvania State University*

[05/23/2023 — 08/1/23]

- Assisted in building and improving an application for motion capture and gait analysis using Swift and Apple's augmented reality kit. Improved motion capture of the application to an accuracy of within 10 degrees of subjects' range of motion by comparing data with popular motion capture systems.
- Winner of Faculty Choice Award for Top Poster.
- Website URL: <https://sites.psu.edu/mcreu/2023/07/26/classification-of-upper-extremitymovement-functions-using-motion-tracking-data-and-machine-learning-algorithms/>

Programming Proficiency:

- Languages: Python, C++, Java, PHP, HTML & CSS, SQL
- Frameworks: Django, Bootstrap
- Databases: MySQL
- Other: GitHub, Docker, Linux, MacOS, Windows

Interests:

- Basketball, Bad Puns, Chess, Cars, Cats, TV Shows, Physics