

AAYUSH PATEL

Roanoke, VA | patelaayush12@yahoo.com | 540-590-2256

Portfolio: aayushpat.com | GitHub: github.com/AayushPat

OBJECTIVE

Motivated Computer Science student at James Madison University (Class of 2027) with strong skills in Python, Java, and full stack web development. Experienced in software projects, web design, and engineering solutions. Seeking to apply technical skills and a problem solving mindset as a Software Engineering intern.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML, CSS

Frameworks/Libraries: React, Tailwind CSS

Tools & Platforms: Git, VS Code, Node.js, Vercel

Other: Strong problem solving, debugging, teamwork

EDUCATION

James Madison University, Harrisonburg, VA Bachelor of Science in Computer Science | Minor in Economics (Expected May 2027) Relevant Coursework: Data Structures & Algorithms, Software Engineering, Systems Design

EXPERIENCE

Electrical Engineering Intern | Advanced Energy Solutions — Jun 2024 – Aug 2024

- Designed and supported development of solar based solutions (solar trees, EV charging stations).
- Produced technical documentation and customer facing reports simplifying product adoption.
- Coordinated with vendors to source components (batteries, panels, mounts).

PROJECTS

- **Portfolio Website** (aayushpat.com)
- Built a personal website showcasing projects using React, Tailwind CSS, and JavaScript. Deployed site for public use and integrated responsive design for all devices.

Grand Caverns Model/Simulation

- Created a 3D model of Grand Caverns to research the spread of white nose syndrome.
- Analyzed bat behavior in a real life cave through simulation.

LEADERSHIP & INTERESTS

- Passionate about AI, web development, and building scalable applications.
- Active member in Competitive Programming and the South Asian Student Association.
- Active in intramural soccer and tennis (team collaboration, strategy).
- Volunteer work: community cleanups, temple website support.