

Henry Adams

Contact

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EDUCATION

B.S. Human-Centered Design and Development (HCDD)

Penn State University – University Park, PA

- Expected Graduation Date: May 2027
- Honors: Dean's List (4 Semesters).
- Relevant Coursework: HCI, UX/UI, Java, MySQL, Visual Analytics, Statistics, R.

Websites and Portfolios

<https://sites.psu.edu/hla2027/>

<https://linkedin.com/in/uxhenrya>

Technical Profile

- Development:
 - Java
 - JavaScript (ES6+)
 - HTML5
 - CSS3, R, SQL (MySQL).
- Design:
 - Java
 - JavaScript (ES6+)
 - HTML5

CSS3, R, SQL (MySQL, MariaDB, NoSQL).

PROFESSIONAL SUMMARY

Proactive HCDD student at Penn State specializing in interactive technologies, web, and mobile application design. Proficient in translating user research into functional prototypes and wireframes. Eager to contribute to creative, user-centric product development!

EXPERIENCE

IT Intern | Lansdowne Resort | Leesburg, VA | May 2025 – August 2025 & June 2026 - Present

- Orchestrated technical deployment for 3,000+ guest events, ensuring 100% operational uptime.
- Managed critical infrastructure and resolved IT issues to ensure a high-quality user experience.
- Acted as a Strategic Vendor Liaison, evaluating technical proposals and negotiating contracts.

Spring Intern | Surge Consulting | State College, PA | Jan 2026 – May 2026

- Gathering customer requirements for the Penn State Teammates for Life web presence.
- Moving content from Figma wireframe concepts to a functional web portal service.
- Collaborating with portal service providers to ensure technical alignment with design goals.

Coding Instructor | Code Ninjas | Ashburn, VA | Jan 2022 – Jan 2023

- Guided students through STEM and coding curricula, helping debug logic and computational errors.

RELEVANT PROJECTS

Website Implementation | Teammates For Life PSU

<https://teammatesforlifepsu.wordpress.com/>

- Led a full-cycle UX redesign, starting with user requirements
- Led a team to create and publish a new website for an organization at Penn State University
- Used existing created prototype (Figma) and implemented changes and improvements
- Communicated with stakeholders to obtain goals and pain points of existing website

Website Redesign | Women's Information Sciences and Technology (WIST)

- Led a full-cycle UX redesign, starting with user requirements gathering and goal analysis.
- Built a responsive design system in Figma to optimize UI across various screen resolutions.
- Translated Figma specs into a live production site using HTML/CSS with pixel-perfect accuracy.
- Collaborated with stakeholders to present design demos and iterate based on user feedback.

Proxmox VE Home Infrastructure Lab

- Hosted several services across local network on Linux containers (WordPress, MariaDB, File server, Multiple VMs, and managing several other containers).
- Created an active directory containing multiple users and various permissions, connected to a local file server.
- Implemented refurbished hardware alongside new hardware to fulfill the requirements of the services as efficiently as possible.
- Maintained uptime for services and made fixes/upgrades while avoiding downtime, to prepare for a real-world environment.