

Madison Davis

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GitHub: <https://github.com/madisonDavis7> | Personal Website: <https://madisondavis7.github.io/portfolio/>

UX/UI Intern

SOFTWARE DEVELOPER: dedicated to honing my skills and programming abilities in a variety of languages. I strive to keep an open mind when faced with challenges and have a strong desire to learn, grow and develop my skills.

- ➔ **Tech Skills:** Programming (Python, Java, HTML, CSS, JavaScript, TypeScript); Cloud-based platform (GitHub, Git); Web design (Django, React, Flutter, Ionic); Data Structures and Algorithms; OS (Unix/Linux, Windows); Documentation (Notion); Docker & Apptainer; Firebase/ Firestore; Frameworks (Bootstrap/ Tailwind)

EDUCATION

B.S. in Computer Science - Software Development concentration

UNIVERSITY OF MONTANA, Missoula, Montana, expected May 2027

Cybersecurity Hackathon: Earned 3rd Place in the 2024 Cybersecurity Hackathon.

International Planetary Society Association: Represented the University at the July 2024 meeting in Berlin, Germany.

COMPETENCIES

Clear Wireframes	Ability to work Collaboratively	Quick Learner
Full of Creativity	Precise Time management	Put Users First
Eye for Design	Innovative	Fast-paced Environment

PROFESSIONAL EXPERIENCE

IT Research Computing Support

Research Computing, University of Montana, Missoula, Montana, May 2024 to present

- Support researchers across various fields by aiding in running jobs with SLURM and understanding their workflows. Walk users through navigation of HPC. Write bash scripts and navigate Linux systems.

Planetarium & Observatory Presenter

Physics & Astronomy Department, University of Montana, Missoula, Montana, November 2023 to present

- Present private cosmology and astrophysics shows to audiences aged 5 years to retirees, curating shows to promote science and encourage inquisitive minds about black holes, CMB, gravitational waves, and dark matter.
- Present planetarium programs sharing knowledge of planets, star lifecycles, eclipses, stellar remnants, and the history of the universe. Answer attendees' questions. Manned 16" Boller and 8" Meade telescopes for public observation of planets, nebulae, star clusters, and distant galaxies.

Student Tech Educator & Consultant

IT Department, University of Montana, Missoula, Montana, November 2022 to May 2024

- Provide faculty, staff, students, and administrators technical support for email, software, and hardware issues working within TDX Ticketing System. Communicate complex technical information to non-technical users.

Product Support Intern

OpenSesame, Portland, Oregon (remote), November 2021 to June 2022

- Working with a mentor to create help tickets for users, streamline workflows, and communicate with teams to provide smooth operations. I learned about code, design, management, and tech stack.
- I got more familiar with eLearning, education technology, SCORM, and emphasis on employee training.

REFERENCES

Nathan Burkhart

Client Experience Manager

University of Montana

Information technology

nathan.burkhart@mso.umt.edu

Joshua Tucker

Client Experience Manager

University of Montana

Information Technology

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Michael Couso

Research Computing Specialist

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