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Dalton Bowling

Computer Science Student

Portfolio: dbowl456.com
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Computer science major with interests in about anything! I specialize in web development and some systems programming. I've been coding for about four years.

EDUCATION

James Madison University - Harrisonburg VA, BS in Computer Science - GPA: 3.912 Aug 2023 - May 2027

SKILLS

Languages	Python, Java, C, Ruby, Haskell, Rust, JavaScript, HTML/CSS
Tools	Git, $\text{\LaTeX}$, Bootstrap, Linux, Scrum

EXPERIENCE

PASS Leader Jan 2025 — May 2025
James Madison University Learning Centers Harrisonburg, VA

- Facilitated peer-assisted study sessions for MATH 231 students
- Led two weekly meetings focused on problem-solving and conceptual understanding
- Participated in professional development and leadership training
- Conducted peer observations to continuously improve instructional effectiveness

Camp Counselor Jun 2026
James Madison University School of Music Harrisonburg, VA

- Managed 140 students, ensuring students were in the correct locations at the scheduled times
- Supported fellow assistants by helping complete tasks while they were actively teaching their students

PROJECTS

RimpleX

- Co-developed a fully functional imaginary number calculator with multiple features as part of a 6-member team over an 8-week development cycle.
- Applied Agile/Scrum methodologies, including sprint planning, daily stand-ups, and retrospectives, to manage development timelines and team coordination
- Contributed to feature design and implementation, collaborating cross-functionally to deliver a working product within sprint deadlines

LEADERSHIP

JMU Marching Royal Dukes Aug 2025 — Present
Visual Section Leader

- Partnered with the leadership team to plan and run efficient, well-organized rehearsals
- Taught marching fundamentals and visual performance techniques to trumpet section members
- Served as a mentor and role model, supporting section members' development and morale

Upsilon Pi Epsilon Apr 2026 — Present
Member

- Inducted into the international computing honor society, restricted to the top 11% of CS majors in 2026.