Jacob Hobbs

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EDUCATION

University of Virginia, College of Arts and Sciences, Charlottesville, VA **May 2025**
Bachelor of Arts in Computer Science and Women, Gender, and Sexuality Studies
Grade*: 3.91/4.00* Minor: *Mathematics* Concentration: *Sexuality Studies (WGS)*
Honors: *Echols Scholar, Lawn Resident (2024-25)*

SKILLS SUMMARY

Skilled & Personable Researcher and Software Developer
- Significant project experience with TypeScript/JS, React, Node.js, Java, Go, C#, SQL, PHP, Python, Terraform
- Also worked with: Elasticsearch, Datadog, Django, C++, TensorFlow Keras
- Substantial experience with public speaking, teaching, and peer-to-peer leadership

EXPERIENCE

CoStar Group — Arlington, VA **July 2025 – present**
Associate Software Engineer

CoStar Group — Washington, DC **June 2024 – August 2024**
Software Engineering Intern (DevOps)
- Implemented and deployed an in-house Terraform provider, standardizing CoStar cloud resource management and allowing engineers to more efficiently access and manage metadata information
- Used Go to make the provider, Terraform for testing/usage, and YAML + Azure for CI/CD pipelines
- Worked on an Agile DevOps team and presented the provider to CoStar executives

CoStar Group — Richmond, VA **June 2023 – August 2023**
Software Engineering Intern
- Completed a Full Stack micro-frontend application for the Marketing Automation team, which was deployed to production and is still actively used by CoStar developers
- Used TypeScript, React, Node.js, C#, and SQL along with services like Elasticsearch and Datadog to create a 'System Admin' dashboard, allowing developers to monitor and edit active contact enrollment processes
- Worked on an Agile development team and presented my application to CoStar executives

University of Virginia — Charlottesville, VA **August 2022 – May 2025**
Head Teaching Assistant, Data Structures and Algorithms I
- Lead 50+ TAs and am the main point of contact for the (on average) 500 students enrolled in the course
- Directly work with the instructor to create creative programming assignments and engaging lectures
- Lead 2 hours of lab and 4 hours of office hours per week, along with TA planning sessions
- Guest lectured 12+ times in lieu of the instructor

Freelance Website Manager — Charlottesville, VA **January 2023 – May 2024**
- Meet weekly with John D'earth, head of UVA Jazz Performance, to maintain his personal website and offer various technological advice

RESEARCH

Undergraduate CS Distinguished Majors Thesis **August 2024 – May 2025**
- Title: "*Theories of 'Sexuality' in Natural Language Processing Bias Research*"
- Awarded *High Distinction* by faculty committee

AWARDS

The John A. Herring Scholarship for Social Awareness **May 2025**
- Awarded by The UVA Queer Alumni Network to a student that "demonstrates leadership, citizenship, and fellowship and have actively supported, through volunteerism and advocacy, the LGBTQ Center at UVA."

Louis T. Rader Undergraduate Teaching Award – Top Honors **April 2025**
- Awarded by UVA CS Department for "exceptional achievements in teaching"

UVA Queer Alumni Network Wavelength Scholarship **April 2024**

RELEVANT COURSEWORK

Machine Learning, Artificial Intelligence, Programming Languages for Web Apps, Advanced Software Development Techniques, Computer Architecture, Queer Theory, Sex and Resistance on the Internet, Transnational Feminism(s)

INVOLVEMENTS

WXTJ Student Radio, *Co-Director & Radio DJ* **October 2021 – May 2025**
- Manage UVA's student-run radio station, including DJ programming, website management, event direction, and community engagement
- Main point of contact for our 120+ DJs and over 250 active members
- Host the Thursday night radio show "tall guy bops"

oSTEM @ UVA, *Events Director* **October 2024 – May 2025**
- Coordinate all events put on by UVA's chapter of Out in STEM, a non-profit organization of queer STEM leaders
- Attended the 14th Annual oSTEM Conference in Portland, Oregon.

College Council, *WGS Department Representative* **August 2024 – May 2025**
- Represent the Women, Gender, and Sexuality Studies department on the College Council, UVA's College of Arts and Sciences governing body.
- Secured over $800 for WGS department events, in addition to representing WGS interests

LGBTQ+ Center, *Volunteer* **August 2023 – May 2025**
- Staff the LGBTQ+ Center each week, greeting visitors and assisting with queer-centric events

INTERESTS

Machine Learning & AI Ethics (specifically relating to queer interests), Equity in Tech Spaces, Web Development, College Radio, Musical/Queer-centric Event Coordination, Queer Activism/Education