



**NICHOLAS JAMES
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(he/him)

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🏠 Nicholas Uhlhorn
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I am an aspiring **computer science academic** with particular interest in **CS education, CS with the arts, and data science**. My latest research involved exploring existing **CS + music curricula** and gaps with respect to CSTA standards using NLP techniques. When I am not working with computers I enjoy playing the **viola** and other forms of **storytelling** such as running tabletop rpgs and more.

EDUCATION

MS Computer Science
Western Washington University 📍
2024 – 2026 📅

BS Computer Science
Western Washington University 📍
2017 – 2022 📅

High School
Sehome HS 📍
2014 – 2017 📅

PUBLICATIONS

A Broken Record: Gaps in K-12 Music + Coding Curricula

Uhlhorn, Hardin 🧑
SIGCSE 27' 📅

In review, copy available upon request 🔗

RESEARCH INTERESTS

💡 Complex Systems and Emergence

💡 Computer Science + Arts

💡 Computer Science Education

💡 Computer Graphics

💡 Data Science

WORK EXPERIENCE

Graduate TA - Computer Science Department

📍 Western Washington University
📅 December 2024 – June 2026

Graduate Faculty Governance Council – Student Member

📍 Western Washington University
📅 September 2025 – June 2026

Graduate Marketing and Communications Specialist TA

📍 Western Washington University
📅 September 2024 – June 2025

PROJECTS

Youth Cybersecurity Experience - BSides Seattle 26'

Helped create, draft, and test a youth cybersecurity program focused on systems, how they break, and how security is a collaborative effort. I was part of the team working on middle school activities, but also helped with other activities and feedback.

📅 [View Program](#)

Personal Website

Self hosted website running on my own personal server using nginx. The whole server is written in Rust. The site includes links to my various social media, projects, and personal blog posts.

🌐 nicholasuhlhorn.net

Sumerian Named Identity Project

A team project using the work of a named entity recognition pipeline to create a social network of names appearing on Sumerian clay tablets. This network was used to help fill out tablets missing metadata such as location and age.

🔄 [Sumerian-Social-Network-Project](#)