

Benjamin Saupp

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Education

James Madison University
Bachelor of Science in Computer Science
Minor in Mathematics

Harrisonburg, VA
May 2024

Coursework

Computer Science

Data structures and Algorithms
Computer Systems
Languages
Compilers

Algorithmic Design and Analysis
Web Application Development

Machine Learning

Software Engineering
Programming

Mathematics

Calculus III

Elementary Number Theory

Discrete Structures

Current Projects

- Praxly (praxly.github.io)
 - Working in collaboration with CodeVA on a project creating a compiler/web IDE to support teachers that are learning programming for the Praxis exam
 - Research talk late September 2023 at JMU
 - Research publication before May 2024

Skills & Training

- C, Java, Javascript, HTML, CSS, Python, Ruby, and Rust.
- Leadership experience

Work Experience

- JMU Teaching assistant fall 2022 - present
 - lead TA since fall 2023
- Full time research assistant at James Madison University summer 2023 - present
- Leader at a 1 week coding camp for Harrisonburg refugees - summer 23
- Volunteered for an art camp for West Side Baptist church - summer 2023