

# Connor Sample

Computer Science student with strong skills in Rust and Python, along with experience in many other languages such as JavaScript, Bash, C, and Java. Seeking opportunities in networking and backend development, leveraging over 10 years of experience from personal projects.

Harrisonburg, Virginia <https://tabulate.tech>

[in connor-sample-4905a922a](#) [TabulateJarl8](#) [TabulateJarl8](#)

## Education

### James Madison University

Computer Science  
3.855 GPA  
Bachelor's of Computer Science  
August 2023 - May 2027

## Experience

### James Madison University

IT Assistant  
Harrisonburg, Virginia  
January 2024 - Current

- Implement network-based computer management and imaging for over 250 desktops across campus.
- Prepare new and existing computer setups. Install hardware and software as needed.
- Create comprehensive documentation for new automation and imaging techniques, server maintenance, and other critical services.
- Architect the workflow of, set up, and deploy a Flask/React application with Docker on a remote server.
- Debug complex networking issues.

### FCPS IT Department

Software Developer (Internship)  
Palmyra, Virginia  
August 2022 - March 2023

- Rewrote the bus pass system used by other schools in the school system.
- Qt GUI development, SQL database interaction, created a maintainable and well-documented codebase.

## Skills

**Python**  
7+ years of experience

**JavaScript**  
8+ years of experience

**HTML/CSS/SASS**

**Git**

**Docker**

**Systems Programming**

**Desktop Development**

**Hugo**

**jQuery**

**React**

**Project Management**

**Unit Testing**

**Rust**  
3+ years of experience

**Java**  
6+ years of experience

**Bash**

**Linux System Administration**

**Backend Web Development**

**Networking**

**Flask**

**Bootstrap**

**SQL**

**CI/CD**

**Collaboration**

**Computer Imaging**

## Awards

### Dean's List

James Madison University  
January 2024

Students who earn dean's list honors must carry at least 12 graded credit hours and earn a GPA of between 3.5 and 3.899.

### President's List

James Madison University  
May 2024

Students who earn president's list honors must carry at least 12 graded credit hours and earn a GPA of 3.900 or above

## Projects

### Squid Calculator

March 2023 - Present

Advanced calculator written in Rust, featuring a terminal user interface supporting both RPN and algebraic input.

<https://gitlab.com/ImaginaryInfinity/squid-calculator/squid>

### randfacts

March 2020 - Present

Python module used to generate random facts with over 1.2 million downloads

<https://github.com/TabulateJarl8/randfacts>

### Vapor

December 2023 - Present

TUI program to check the ProtonDB compatibility of all the games of a Steam user

<https://github.com/TabulateJarl8/vapor>

### JMU OpenConnect

February 2024 - Present

Python wrapper command around OpenConnect which implements JMU VPN authentication on Linux.

<https://github.com/TabulateJarl8/jmu-openconnect>

### AnuBIS

September 2022 - October 2023

Generates and prints bus passes using a DYMO LabelWriter. Created for use in the Fluvanna County Public School system

<https://gitlab.com/TabulateJarl8/anubis>

### Rosa

July 2022 - Present

Hobbyist operating system written in Rust with a friend

<https://gitlab.com/TabulateJarl8/rosa>

## Leadship Experience

### JMU Unix Users Club

Vice President  
January 2024 - Present

- Managed administrative tasks across the club
- Gave numerous presentations about Unix and programming-related topics to a group of people of ranging skill set
- Assist in meeting planning, club outreach, and other events

<https://www.jmunixusers.org/>