J. 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

connor-sample-4905a922a TabulateJarl8 TabulateJarl8

Education

James Madison University
Computer Science
3.885 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	Rust
7+ years of experience	3+ years of experience
JavaScript	**Java**
8+ years of experience	6+ years of experience
HTML/CSS/SASS	**Bash**
Git	**Linux System Administration**
Docker	**Backend Web Development**
Systems Programming	**Networking**
Desktop Development	**Flask**
Hugo	**Bootstrap**
jQuery	**SQL**
React	**CI/CD**
Project Management	**Collaboration**
Unit Testing	**Computer Imaging**

Awards

Dean's List
James Madison University
Jan. '24

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 '24, Dec. '24

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

Squiid Calculator
March 2023 - Present

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

https://gitlab.com/ImaginaryInfinity/squiid-calculator/squiid

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 - December 2024

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

Leadshipship 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/