

OWEN RITZAU

Dayville, CT — oritzau2021@gmail.com — (401)-603-9854 — Github — linkedin.com/oritzau

SUMMARY:

As a driven student, I have spent hundreds of hours exploring the fascinating world of software design and computer science. I love to learn new technologies and help newcomers to the field. I work best in small teams, in an environment where I can both learn and teach.

EDUCATION

Skidmore College, Saratoga Springs, New York
B.A. Computer Science

Enrolled: September 2021 — Expected: June 2025
Major GPA: 4.0

EXPERIENCE

Skidmore College
System Admin Assistant

Saratoga Springs, NY
September 2023 – Current

- Wrote, documented, and debugged various scripts to automate management of large distributed system
- Built and managed a server for deep learning projects on campus
- Aided in resolving critical bugs and issues that interrupted student workflow

TheCoderSchool
Code Coach

Glastonbury, CT
June 2023 - September 2023

- Worked with individual students ages 10 to 18 guiding them through project creation in languages including Java, Python, and Javascript
- Coached groups of 10-12 students in week long camps building knowledge on topics including application design, virtual reality, 3D printing, and more

PROJECTS

Skidmarket

June 2023 - September 2023

- Worked in two-man team developing an ecommerce app in Django
- Used database modeling to create a scalable application
- Implemented custom security and payment methods

Chess-Term (Link)

April 2023 - June 2023

- Created a text-based chess application with Python3.10
- Created extensible features to allow for custom piece implementation
- Optimized application for machines without full desktop environment

Poly-Run (Link)

March 2023 - Current

- Created a script that reacts to file types, capable of executing Python, Java, Rust, C, C++, and NodeJS files.
- Built a lightweight binary crate in Rust for speed and safety
- Created and merged a library crate for extensibility and cross platform support without interruptions to functionality

SKILLS

- **Backend:** C, Rust, Python (Django), Java
- **Frontend:** Javascript, HTML + CSS
- **Tools:** Git, Github, Sed, Awk
- **Linux:** Ubuntu, RedHat, Arch