

Daniil Rose

A student interested in beginning a career as a computer engineer and to learn from more experienced colleagues.

Education

- 2022 - **B.Sc in Computer Engineering**, *The Pennsylvania State University*, *GPA: 3.84*
Exp. 2026
 - Relevant Coursework: Calculus II, Classical Physics, Data Structures and Algorithms
- 2022 - **B.Sc in German**, *The Pennsylvania State University*, *GPA: 3.84*
Exp. 2026
 - Relevant Coursework: Conversation and Composition, Business German
- 2018 - **High School**, *Garden Spot High School*, *GPA: 3.92*
2022
 - AP credits in computer science and mathematics
 - Honors in all courses
- 2020 - **MIT High School Summer Program**, *MIT*
2020
 - Statistical Thermodynamics
 - Data Science with the Julia Programming Language
 - Neuroscience and Artificial Intelligence
 - European Politics

Experience

- 2022 - **DevOps Engineer**, *Quub*, Lancaster, PA
Present
 - Responsible for server and network management
 - Automated developer tools using Jenkins and GitHub Actions
 - Developed internal tools to improve developer experience
- 2020 - 2022 **Satellite Engineering Intern**, *Quub*, Lancaster, PA
 - Designed schematics and PCBs using KiCad
 - Developed drivers for armv8 Linux SBCs
 - Created robotic systems using C, Rust, and Python with RTOSes
- 2021 - 2021 **Summer IT Assistant**, *Garden Spot High School*, Lancaster, PA
 - Maintained student computers
 - Imaged new laptops
- 2020 - 2021 **Software Developer**, *Freelance*, Lancaster, PA
 - Designed chatbots and data science solutions for clients
- 2020 - 2021 **Backend Software Engineer**, *Reuben Engineering*, Santa Barbara, CA
 - Created the database interface, blog, and web store in PHP, Laravel, and Vue.js

Technical Skills

- Programming Languages: Rust, Python, C, Zig
- Human Languages: English - Native, Russian - Native, German - A2
- Tools: GNU/Linux, Git, Docker, Emacs

Conferences

- Nov. 2021 **EmacsConf**
 - Presented at EmacsConf 2021 about computational philosophies regarding the use of Emacs.