

Shav Kinderlehrer

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◦ Skills ◦

Technical & Educational Writing

Web Development

UNIX Command Line

Docker

Git

NixOS

Neovim

◦ Languages ◦

JavaScript

TypeScript

Python


Rust


C

Lisp

Haskell

◦ Profiles ◦

 [shavk](#)

 [secondary-smiles](#)

 [git repos](#)

Summary

- Computer Science undergraduate at the University of New Hampshire with strong software development and communication skills.

Education

● University of New Hampshire

BS of Computer Science

Undergraduate

August 2023 - Present

🔗 <https://unh.edu>

Experience

● UNH IOL

IP Technician

Durham, NH

October 2024 - Present

- I am currently working on developing IPv6 conformance and interoperability test suites for the IOL INTACT Protocol Testing Software.

🔗 <https://iol.unh.edu>

● UNH IOL

HighTech Bound Intern

Durham, NH

July 2023 - August 2023

- Developed a continuous integration testing environment for the IOL Interact NVMe Testing Software.
- Developed a server and website for viewing and filtering complex NVMe testing data.

🔗 <https://iol.unh.edu>

● Technical Consulting

Firmware Specialist

Alstead, NH

March 2023 - August 2024

- Authored customized 3D printer firmware for an engineer working to design and build specialized cadaver reconstruction prosthetics.
- Helped to design components for a mass production lip balm factory line in Mexico

Experience

● LEAF Out Loud

Lead Editor

August 2021 - June 2024

Alstead, NH

- Coordinated and led the student magazine for the LEAF Charter High School.
- Edited and typeset student submissions.
- Authored technical articles about technology and programming.

Projects

● Molerat

Protocol

Proposal for a new layer 7 protocol called Molerat. Molerate aims to be

1. Designed with accessibility in mind.
2. Easy to develop tools for.
3. Designed with a low barrier-of-entry but high expression ceiling so that developers can create diverse tooling targeting it.

By being both simple and expressive, Molerat allows for the development of complex applications while still allowing for accessibility and user-freedom.

🔗 <https://molerat.trinket.icu>

● Women in Tech

Website

Digital representation of a research covering the lack of gender diversity in the tech industry.

🔗 <https://engl401-digital-project.vercel.app>

● Chela

URL Shortener

Chela is a simple but *fast* URL shortener written in Rust.

Chela is named after the smaller crab claw because it creates shortened web URLs that are the smaller side of a larger one. Chela is powerful, fast, and designed to make shortened URLs that are simple and shareable.

🔗 <https://omm.fo/shav/chela>

● The Curio

Website

The Curio is a user-generated dictionary. It is written in Svelte and uses Firebase as a backend.

🔗 <https://curio.trinket.icu>