

# almond Heil

Hi! I like messing around with computers and learning more about peer education.

✉ [contact@almondra.dev](mailto:contact@almondra.dev)  
🐙 [github.com/almondheil](https://github.com/almondheil)  
🌐 [linkedin.com/in/almond-heil/](https://linkedin.com/in/almond-heil/)  
🔗 [almondra.dev](https://almondra.dev)

## EDUCATION

**Grinnell College** Grinnell, IA  
Computer Science, B.A. 2021 – Present

- Additional coursework in theatre, linguistics, and math
- 3.808 GPA

**Mandela International Magnet School** Santa Fe, NM  
Full International Baccalaureate Diploma 2017 – 2021

- Higher Level coursework in Biology, English, and Theater
- 4.902 weighted GPA

## SELECTED EXPERIENCE

**Grinnell College CS Department** Grinnell, IA  
Teaching Assistant Jan 2023 – Present

- Supported student learning in and out of class
- Acted as a resource for students wanting extra help

**Los Alamos National Labs** Los Alamos, NM  
Parallel Fellowship Student Jun-Aug 2023

- Designed and optimized one-sided MPI communication paradigms
- Applied communication patterns to radiation transport problems

**Serious Programming Courses Book** Santa Fe, NM  
Chapter Author Jul-Aug 2021

- Wrote a tutorial on Python agent-based modelling
- Presented to students at various short courses

## SKILLS

🔧 C · C++ · Python · Rust  
Haskell · Java · Racket

🔧 Git · Vim · Slurm · LaTeX  
MPI · Linux · bash · zsh

🗣️ English · native  
Spanish · intermediate

## PERSONAL INTERESTS

SYSADMIN Server maintenance  
Scripting  
OS design

THEATRE Stage management  
Lighting design  
Sound design

OTHER Origami  
RPG system design  
Hiking