LIAM SEPER

ABOUT

CS and Math student at The Raikes School at the University of Nebraska-Lincoln. A passionate developer looking to make a big change, line-by-line.

CONTACTS & SOCIAL

📞 (612) - 412 - 2313

✉ seperliam@gmail.com

🔗 lseper.net

⬤ github.com/lseper

in liam-seper

EDUCATION

B.S – University of Nebraska-Lincoln
08/2019 – 05/2023
Majors: Computer Science, Math
Minor: Business
Programs: Raikes School, Honors
GPA: 3.99
Relevant Coursework: Software Engineering 4, Design Studio, Machine Learning, Algorithm Analysis and Design

CLUBS & ACTIVITIES

- UNL OSTEM Chapter
- Math Motivators (Volunteer Tutor)
- UNL Game Development Club
- Kauffman Residents Association
- FLUFF (President)

PROJECTS & AWARDS

Friends & Family without Borders
Lincoln, NE, | Jan. 2021, May. 2021
Covid-aware scheduling web app

Cornhacks
Lincoln, NE, | Jan. 2020, Jan. 2021
- Financial Track Award Winner (2021)

K-State Game Jam 2020
Manhattan, KS | Feb 2020
Gravity-shifting Puzzle Game
- Best A.I Award Winner
- 3rd Place Overall

OSTEM National Conference
Detroit, MI | Nov. 2019, Nov. 2020
- UNL OSTEM Chapter Representative

EMPLOYMENT

Teaching Assistant | UNL - Lincoln, NE
08/2020 – Current
- TA for CSCE 156 (freshman CS), and RAIK 283H (sophomore CS)
- Responsible for attending and assisting labs, holding office hours, grading assignments, and teaching special topics lectures (REST basics, MVC basics)

Software Engineering Intern | First National - Omaha, NE
05/2021 – 08/2021
- Responsible for creating and monitoring integration tests in Selenium
- Integration of the frontend (React) with the backend (Java) for our credit portal for business partners

Data Science Intern | Ameritas - Lincoln, NE
12/2020 – 05/2020
- Responsible for creating, training, and assessing Tensorflow models for analyzing customer cashflow and activity for various products
- Performed data sanitation & fitting with Pandas & NumPy, and visualization and presentation with Seaborn & Matplotlib

Software Engineering Intern | Flywheel - Omaha, NE
05/2020 – 08/2020
I was the engineering lead and architect on the Divi Integration Project, as well as a software engineer on the Admin Tooling Team
- **Backend Tasks (Ruby on Rails):** Divi routing and models, Divi incorporation logic, site reset functionality, UI overhaul, and admin authentication
- **Frontend Tasks (Vue.js, HAML & SCSS):** migrations UI overhaul, admin recent site visits board, and Divi splash & incorporation page

Co-founder | Code Hero Academy - Lakeville, MN
06/2018 – 08/2019
A company I helped found, teaching computer science and mathematics applications to middle and high school students in a project-oriented fashion
- Met with U.S House Representative Angie Craig to discuss computer science education in middle and high school curriculum
- Built and instructed the curriculum of Python, C#, and Raspberry Pi robotics

DESIGN STUDIO

Hudl | Software Engineer – Lincoln, NE
08/2021 – Current
Currently working on a team with fellow upperclassmen to communicate and work directly with Hudl to design, build, and handoff a mobile app in which centers around connecting emerging athletes with recruiters and coaches.
- Developing backend functionality in C# .NET framework
- Using Azure for deployment and testing
- Front-end application work done in Swift

Olsson | Design Studio Intern – Lincoln, NE
01/2020 – 05/2020
On the Olsson Design Studio team, I worked with a group of upperclassmen to deliver a web-based groundwater analysis portal. I primarily worked in C# with the .NET framework, and used HTML / CSS / JS for front-end functionality as well.