

Lance Althouse

Lincoln, NE | 402-429-5539 | lancealthouse@outlook.com | [Personal Website](#) | [LinkedIn](#) | [Github](#)

EDUCATION

University of Nebraska-Lincoln | Lincoln, NE
Bachelor of Science in Software Engineering

Anticipated Graduation: May 2025
GPA: 3.30

EXPERIENCE

TRIO Upward Bound | Lincoln, NE

January 2022 - July 2023

Mathematics Tutor

- Collaborate with the tutor coordinator to ensure all the student's academic standards were met for Upward Bound students
- Instructed ten high school students in math and programming concepts, providing clear explanations and assessing understanding

Data Entry Associate

September 2021 - July 2023

- Analyzed hundreds of Upward Bound's student data and entered it into the program's database to ensure easy access by all staff members
- Utilized Excel, Word, and Google Sheets to create and maintain various documents for Upward Bounds data collection

PROJECTS

Burn Plan Evaluator App - SOFT-160 Capstone

- Cooperated with a team of three other SOFT-160 students to create a Java application that evaluates a given burn plan utilizing a CLI

Travel Planner App - SOFT-161 Capstone

- Built a Python application that determines a travel plan with a frontend GUI built from Kivy with a team of three other SOFT-161 students

Expense Splitter Web App - Personal Project

- Collaborated with a partner to create a web app that splits a bill among multiple people using HTML, CSS, JS, and Python's Flask framework

Home Lab - Personal Project

- Learned a tremendous amount about hardware/software setup, network configuration, and automation
- Selfhost multiple web applications for various projects and other experiments

SKILLS

- Proficient Languages: Python, Java
- Intermediate Languages: Javascript, C
- Web Development: HTML/CSS, React, TailwindCSS
- Database: SQL
- Other Technologies: Git, Docker

INVOLVEMENT

University of Nebraska-Lincoln | Lincoln, NE

September 2021 - April 2022

Robotics Club · *Member*

- Programmed with Arduino IDE to command a robot to perform tasks that meet specific requirements
- Collaborated with a partner to solve problems with the robot by utilizing pair programming skills