Riddock Moran

6100 Vine St. T-131, Lincoln, NE 68505

riddock.moran@huskers.unl.edu · (402) 521-0832

# Education

**University of Nebraska- Lincoln** Graduate in May 2022

Bachelor of Science in Computer Engineering **GPA:** 3.76/4.00

Lincoln, NE

# Work Experience

**Vertiv - Engineering Intern** May 2021 – Present

* Created testing process for new product
* Optimized end-of-line times and tested multiple products and components

Lincoln, NE

**UNL School of Computing - CS II Learning Assistant** January 2021 – May 2021

* Helped students learn software development fundamentals using Java

Lincoln, NE

**UNL School of Computing - CS I Course Leader** August 2020 – November 2020

* Assisted Instructors and mentor Learning Assistants
* Performed quality checks on grading and evaluate LA performance

Lincoln, NE

**Lincoln Financial Group - Software Engineering Intern** June 2020 – July 2020

* Replatformed Java application onto Docker container
* Created GitLab pipeline for continuous deployment

Omaha, NE

# Class Experience

**Digital Signal Processing –** C Spring 2022

**Robotics Algorithms and Applications –** Python Spring 2022

**Senior Design –** ReactSpring 2022

* Developing an audio-based oscilloscope app
* Designing a Line-out to Mic-in adapter PCB

**Internet of Things –** C++ Fall 2021

* Developed automatic plant watering and monitoring system

**Advanced Embedded Systems –** VHDLSpring 2021

* Implemented oscilloscope and wave generator on FPGA

**Software Engineering for Robotics –** C++ Spring 2021

**Operating System Kernels –** CFall 2020

**Data Structures & Algorithms –** C++ Spring 2020

**Embedded Systems –** Arduino, C, C++ Spring 2020

# Involvement

**CSE-Student Advisory Board** February 2019 – Present

**UNL Honors** August 2018 – Present