Riddock Moran

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# Education

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

Bachelor of Science in Computer Engineering **GPA:** 3.73/4.00

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

* Assist Instructors and mentor Learning Assistants
* Do 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

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

**Senior Design –** ReactFall 2021

* Designing an oscilloscope app for audio signals for use in

Advanced Embedded Systems class

**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

* Created 120V wall fan system controlled by humidity, temperature,

and user input

**Computer Organization –** Assembly, VHDL Fall 2019

# Involvement

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

**UNL Honors** August 2018 – Present