Riddock Moran

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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 – React Spring 2022
- Designing an oscilloscope app for audio signals for use in Advanced Embedded Systems class

Internet of Things – C++ Fall 2021
- Developed automatic plant watering and monitoring system

Advanced Embedded Systems – VHDL Spring 2021
- Implemented oscilloscope and wave generator on FPGA

Software Engineering for Robotics – C++ Spring 2021
Operating System Kernels – C Fall 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