

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: 3.73/4.00
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 – React	Fall 2021
------------------------------	-----------

- Designing an oscilloscope app for audio signals for use in Advanced Embedded Systems class

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
---	-------------

- 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
-------------------	-----------------------