Riddock Moran

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# Education

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

Bachelor of Science in Computer Engineering **GPA:** 3.85/4.00

Lincoln, NE

# Work Experience

**UNL Computer Science and Engineering -**

**Computer Science I Course Leader** August 2020 – Present

* 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

**UNL Computer Science and Engineering -**

**Computer Science I Learning Assistant** August 2019 – May 2020

* Helped students learn basic computer science using C

Lincoln, NE

# Class Experience

**Operating System Kernels –** CFall 2020

**Software Engineering –** C# .NET, SQLFall 2020

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

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

* Built mobile robot controlled by ultrasonic sensor and IR remote
* Created 120V wall fan system controlled by humidity, temperature,

and user input

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

* Designed a 16-bit processor to run Assembly code on an FPGA board

**Computer Science II –** Java, SQL Spring 2019

**Unix Programming –** Unix Spring 2019

**Computer Science I –** C Fall 2018

# Involvement

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

**UNL Honors** August 2018 – Present

**Triangle Fraternity** July 2018 – Present