**Dillon Burgess**
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Lincoln, NE 68505
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| Education |
| 2020-Present2015-20202011-2015 | **University of Nebraska-Lincoln Masters Program***Area of Study: Electrical Engineering (Emphasis in Bioinformatics)**Expected Graduation: May 2022***University of Nebraska-Lincoln***Major: Electrical Engineering**Graduated: May 9, 2020 with B.S. in Electrical Engineering**GPA: 3.569 (4.0 Scale)***Relevant Classes Taken*** Analog and Digital VLSI Design
* Analog Integrated Circuits
* C Programming
* Circuits I-III, Advanced Circuits
* Communication in the Business World
* Digital Logic Design
* Embedded Systems
* Java Programming

**Red Cloud Community Schools**, Red Cloud, NE |
|  | *Graduated: May 16, 2015**GPA: 3.96 (4.0 Scale)***Relevant Classes Taken*** Spanish I-IV
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| Work Experience |
| 2020-Present2019-20202018-Present2018 | **University of Nebraska-Lincoln**, Lincoln, NE*Teaching/Research Assistant*Responsibilities:* Hold office hours to assist students with class
* Lead recitation section to assist students with understanding coursework
* Be available in resource center when asked to assist students
* Grade students’ assignments
* Conduct research under the advisory of Dr. Otu

**Vajra Instruments Inc.**, Lincoln, NE*Electronic Design Intern*Responsibilities:* Design, order, solder, and test PCBs for various projects
* Create programs for various tasks in Python and C
* Come up with new, more efficient ways to do projects
* Apply skills in the fields of electronics, programming, optics/lasers, and

signal processing**UNL Campus Recreation,** Lincoln, NE*Intramural/High School Sports Official (Football/Basketball)*Responsibilities:* Act in a professional manner
* Communicate clearly with co-workers, staff assistants, and players
* Show confidence by assessing play and using quick thinking to make the

 right call* Use leadership skills to keep games under control
* Take constructive criticism from staff assistants and learn from it to become

a better official**Great Plains Communication**, Red Cloud, NE*Broadband Technician Intern*Responsibilities:* Receive and follow orders
* Fix and replace pedestals containing phone and internet wires
* Re-splice bad connections within pedestals
* Use radio locater to find and mark underground cables before digging
* Go on house calls and assist in finding and fixing problems with

landline phones or internet* Assist in laying and splicing new optical fiber to allow for more

people have access to high speed internet |

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| Organizations and Offices |
| 2012-20152016-Present | **National Honor Society****National Society of Collegiate Scholars** |
| Awards and Honors |
| 2016-201820152014 | **Dean’s List: Electrical Engineering****Regents Scholarship – University of Nebraska-Lincoln****Academic All-State** |

# Skills and Interests

* Computer programming in C, Java, and some Python
* MySQL
* Arduino
* Circuit design and PCBs
* Cadence
* Microsoft Office 2015
* Guitar player and interested in music and the technology behind it