**Dillon Burgess**  
1936 Connor Street  
Lincoln, NE 68505  
Phone: (402) 746-0177  
E-mail: dillon.burgess@huskers.unl.edu

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| Education | |
| 2020-Present  2015-2020  2011-2015 | **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 |
| Work Experience | |
| 2020-Present  2019-2020  2018-Present  2018 | **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 | |
| 2012-2015  2016-Present | **National Honor Society**  **National Society of Collegiate Scholars** |
| Awards and Honors | |
| 2016-2018  2015  2014 | **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