

Gerson Uriarte

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Education **University of Nebraska-Lincoln** / December 2021, Lincoln, NE

Bachelor of Science in Computer Engineering

Skills & *Computer:* Microsoft Office, C++, Python, Java, ROS, OpenCV, Arduino

Courses *Language:* Spanish (Fluent), French (Intermediate)

Relevant Courses: Computer Methods in Bioinformatics, Introduction to Machine Learning, Molecular and Nano Communication, Data Structures and Algorithms

Experience **UNL - MBitE, Undergraduate Research** / August 2020 - Present

- Built a platform for wet information systems space analysis
- Develop and maintain wetcode.unl.edu and paredox.unl.edu which facilitate bioelectrical and chemical reaction network research

UNL - NIMBUS, Undergraduate Research / July 2020 - Present

- Utilize ROS and C++ to create autonomous flight trajectories
- Design components with SOLIDWORKS and perform extensive testing before deployment
- Collaborate with faculty mentor on research protocol and execution
- Presented research results to faculty and students at symposium

Bryan Health, Covid Test Runner / August 2020 – February 2021

- Assisted RNs with testing and prepared test tubes, parafilm, and testing swabs
- Confirmed test with registration and packed test for transportation to lab

QDOBA Mexican Eats, Crew Member / October 2018 - March 2020

- Served customers and coordinated with co-workers to keep food stocked and fresh
- Observed and maintained an equal workload between all employees while maintaining assigned duties

MetroPCS: Authorized Dealer, Sales Associate / Summer 2018 & 2019

- Completed financial transactions for customers, that included bill payments, insurance payments, and new phone sales
 - Set up and activated phones for the customers and assisted with any technical issues
 - Informed customers of all current promotions and provided details to best suit specific needs
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Honors & Dean's List: three semesters

Activities Scholarships: Ruth Levington Scholarship 2017-2021, M. & E. Dohrmann Fund Scholarship 2021

Engineering Student Advisory Board, *Outreach Committee* / August 2019 – present

- Plan, coordinate, and execute events to spread information about engineering to the community

Unmanned Aerial Vehicles IARC Design Team, Software Team Lead / August 2017 – present

- Coordinate the software team of 6 members to develop programs and follow deadlines
- Develop an autonomous drone capable of navigating an obstacle course using only onboard computing