

Victoria Chin

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Professional Experience

Mutual of Omaha - Omaha, NE

May 2023 – August 2023

Information Systems Intern

- **Created 3 Ansible playbooks** that automated validation of servers and database connection, **saving hours of labor**
- Implemented dynamic, parameterized data extraction in **Investments ETL process**, affecting over **100 data mappings**
- Tools used: **AWS, Ansible, SQL, Informatica, Linux, Agile/Scrum, Git**

NCR Corporation - Omaha, NE

May 2022 – August 2022

Software Engineer Intern

- **Implemented and tested functionality in D3 banking website to export PDF and CSV files** containing information about a selected user's banking and account permissions
- Feature impacts **200,000+** business customers, **shortened delivery** timeline by **1 year**, and closed a competitive gap
- Tools used: **Java, MySQL, Spring, TypeScript, AWS, Agile/Scrum, React, Docker, Git, Postman (RESTful API), JUnit**

University of Nebraska Omaha - College of IS&T – Omaha, NE

June 2019 – July 2019

Bioinformatics Lab Intern

- **Built a chatbot program** made for cancer researchers to ask complex questions and obtain genomics data from a database without them needing to write a query. Worked with **Django and Python** programming languages

Skills

- Proficiency with **Java, Python, JavaScript, C, React**, and **HTML/CSS**
- Proficiency with version control using **GitHub** (<https://github.com/victoriach231>)

Education

University of Nebraska Lincoln

August 2021 – May 2025

Major: Computer Science **Minors:** Business, Mathematics **GPA:** 3.94

Jeffrey S. Raikes School of Computer Science and Management

Highly competitive honors program accepting approximately **35 students per year**. The program produces innovative leaders with a balanced mix of **programming and business administration skills**

Relevant Coursework: Data Structures and Algorithms (Python), Computer Systems Engineering (C), Linear Algebra, Machine Learning I (Python), Honors Computer Science 1 – 4 (Java, Python, JS), Unix Programming, User Interfaces, Advanced Algorithms, User Experience

Projects

Dyslexico – an spellcheck & autocorrect solution optimized for dyslexics to help them improve their writing skills

- Currently using SQL, C#, TypeScript to gather data on our model's recommended corrections for users

Cornhusker Clicker

- Developed and tested classroom polling website (**React.js, NoSQL, Jest, HTML/CSS**) for instructors to get **real-time insight** into the level of student understanding during lessons. Instructors can create/launch auto graded questions
- Crafted functional and nonfunctional requirements and translated them into practical engineering tasks

Battleship – Built replica of the popular boardgame, Battleship, as a 1 player desktop game using Python

Extracurriculars and Leadership

Initialize | President

August 2021 – Present

- **Founded Creative Coding initiative. Led 8 weekly meetings** and **mentored 12 college students** to create 6-week HTML/CSS curriculum. Taught approximately 15 middle-school kids how to make their own websites
- **Developed and taught 6-week Lego Robotics block coding** curriculum for **2 local elementary schools** (20 students)

Spanish National Honor Society | Secretary

April 2019 – May 2021

- **Led and organized projects** – Schoolwide Spanish Speaking Day, weekly Spanish lessons in elementary schools, Fundraiser to buy **technology** for the Azul Wasi Orphanage in Peru (**over \$1,500 raised**)

Awards

National Center for Women & Information Technology (NCWIT) Awards

- Recognized for achievement in computing, leadership, academics, and bringing CS opportunities to local community
2023 NCWIT Aspirations in Computing Impact Award
2021 & 2020 NCWIT National Honorable Mention, and **2019 NCWIT Nebraska State winner**

2017 Verizon App Challenge State Winner

- Created Smile Time – an **app concept** which focused on helping people with depression and low self-esteem