

# Shayne Mintling

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## EDUCATION

**University of Nebraska - Lincoln** | Lincoln, Nebraska  
Bachelor of Science in Computer Science  
Minor in Math

**Graduation: May 2024**  
**GPA: 3.53/4.0**

**Mid-Plains Community College** | McCook, Nebraska  
Associate of Science

**Graduation: May 2021**

## WORK EXPERIENCE

**Software Development Intern | Sandhills Global** | Lincoln, Nebraska **February 2024 - Present**

- **Tech Stack:** C#, VB.NET, JavaScript, React, SQL, MVC, Microsoft SQL Server, SSMS

**Research Assistant | University of Nebraska** | Lincoln, Nebraska **January 2024 - Present**

- **Goal:** Collaborating on 5G base station implementation, conducting experiments, collecting and analyzing data, and actively participating in team meetings to advance 5G technology on UNL's campus.
- **Initiative:** Developed a deep learning neural network to predict RSRP data for a given location

**Automated Warehouse Inventory | DMSi Software & University of Nebraska** **August 2023 - May 2024**

- **Goal:** Enhance warehouse efficiency by reducing lost inventory, bundle picking times, and improving forklift driver efficiency.
- **Tech Stack:** Electron, React, Node.js, Python, Flask, JavaScript, TypeScript, Cloud SQL, Cloud Run.
- **Team Collaboration:** Contributed to developing a full-stack multi-platform app in a team environment led by senior software engineers.

**Service Technician | Walmart** | Lincoln, Nebraska

**December 2020 - Present**

- **Initiative and Leadership:** Increased productivity by developing an efficient system for vehicle service. Improved cars serviced per work hour from 0.87 to 2.2, a 153% increase.

## TECHNICAL SKILLS

### Working Knowledge:

- **Programming Languages:** Python, C, JavaScript, HTML, CSS, C#, Java
- **Tools:** TensorFlow, PyTorch, Pandas, NumPy, Git, GitHub, GitLab, Unix CLI, Visual Studio Code, Markdown, WindowsOS, MacOS
- **Soft Skills:** Written/Verbal Communication, Team Work, Research, Data Analysis

### Familiar:

- **Programming Languages:** TypeScript, SQL, SQLite3, React.js, Node.js
- **Frameworks:** Electron, Express, Flask, ASP.NET Core
- **DevOps & Methodologies:** DevOps, Agile, Scrum, IDesign, MVC
- **Testing & Deployment:** Unit Testing, Continuous Integration, Continuous Deployment
- **Tools:** MySQL, Microsoft SQL Server, Android Studio, Visual Studio, MacOS

## PROJECTS

**Credit Card Rewards Activator** | Personal

**Completion: Oct 2023**

- **Goal:** Automate cash-back rewards activation for credit cards.
- **Automation:** Implemented a Python bot using Selenium and ChromeDriver to open instances of Chrome, log into a credit card reward portal, and activate cash-back rewards daily.
- **Metrics:** Achieved a 95% success rate in accurately activating cash-back rewards.

**Card Game Web App** | Coursework

**Completion: May 2023**

- **Goal:** Develop a full-stack web app for solo and multiplayer card games.
- **Tech Stack:** HTML, CSS, JavaScript, React, C#.NET, MySQL.
- **Leadership:** Served as Team Lead with responsibilities including ZenHub task management, setting agendas, scheduling meetings, and communicating requirements.

**Discord Music Bot** | Personal

**Completion: September 2022**

- **Goal:** Learn Python asynchronous programming and enhance Discord server user experience.
- **Functionality:** Developed a Python-based bot for Discord that checks user commands, searches YouTube, and plays audio in a voice channel; currently utilized by 78 people across 2 servers.