

NATHANIEL D. HEITZMAN

Minneapolis, Minnesota

📞 952-288-4860 ✉️ heitz102@umn.edu [in linkedin.com/in/nathaniel-heitzman](https://www.linkedin.com/in/nathaniel-heitzman) github.com/NathanHeitzman

Education

University of Minnesota - Twin Cities (3.93 GPA)

May 2026

Bachelor's Degree in Computer Science - Management Minor

Minneapolis, Minnesota

Relevant Coursework

- Data Structures and Algorithms
- Calculus 1 and 2
- Operating Systems
- Machine Architecture
- Linear Algebra
- MIS - Digital Transformations
- Advanced Programming
- Discrete Mathematics
- Financial Reporting

Work Experience

LEGO

April 2023 – August 2024

Sales Associate

Bloomington, Minnesota

- Engaged with over **150** customers daily, delivering detailed information on store promotions, pricing, and upcoming events, **enhancing customer satisfaction survey scores by 20%**
- Processed and completed daily transactions totaling **approximately \$10,000**, maintaining a **100% accuracy rate** with transactions
- Conducted stock replenishment and shelf organization, managing an inventory of **over 1,000 items**, achieving a **98% accuracy rate** in stock counts and placement

Greenspring Media

January 2022 – February 2022

Data Collection / Entry

Bloomington, Minnesota

- Developed and organized a comprehensive Microsoft Excel database with **over 1,000 entries** for a published media source, **enhancing data retrieval efficiency by 30%**
- Identified and corrected inaccuracies in **100+ entries**, updating records with current information and **reducing data discrepancies by 25%**

Projects

Facial Recognition System Using Linear Algebra | Jupyter Notebooks

April 2024

- Created a facial recognition system using vector and matrix operations, processing a dataset of **over 400 faces** to identify and match individuals
- Optimized the algorithm to achieve a **95% recognition accuracy**, leveraging eigenvector-based techniques to improve feature extraction and classification

Automated CSV Data Verification for Product Payments | Python, VS Code

January 2023

- Developed a Python script to compare data between two CSV files, specifically for verifying product payments by cross-referencing customer information and Venmo transaction history
- Streamlined the data comparison process, **cutting manual entry and verification time by 90%**
- Improved the speed and accuracy of processing product payment information and customer transactions

Efficient Anagram Finder | Java, VS Code

April 2022

- Designed and developed a high-performance anagram finder in Java, leveraging binary search trees, arrays, and linked lists to efficiently process and analyze large bodies of text
- Achieved the ability to analyze and identify anagrams in text files with up to **1 million words in under 8 seconds**, significantly improving processing efficiency
- Utilized advanced data structures for efficient anagram storage and retrieval

Technical Skills

Languages/Frameworks: Python, Java, C, HTML/CSS, React

Developer Tools: Ubuntu Linux, Docker, VS Code, Git/GitHub, ArcGIS Online, Microsoft Excel

Leadership / Extracurricular

Honorary Band Fraternity - Kappa Kappa Psi

Spring 2024 – Present

President

University of Minnesota - Twin Cities

- Managed executive board of **8 members** and ran **weekly meetings** to oversee progress in the chapter
- Led chapter of **20+ members** to work towards goals that improve and promote college bands, brotherhood, and community service