NATHAN DOHER

4446 Hillside Street • Lincoln, NE 68506 • 402-499-4725 • ncdoher@gmail.com
www.linkedin.com/in/nathan-doher
https://doher.netlify.app/

OBJECTIVE

To obtain a job where I can utilize my computer engineering degree and be able to apply the knowledge gained to streamline programming processes and apply profitable solutions

---

SKILLS

- ANTLR
- Bash
- C
- C++
- CSS
- Haskell
- HTML
- Java
- JavaScript
- Latex
- Linux
- Lisp
- MATLAB
- MySQL
- Prolog
- React
- VHDL

EDUCATION

Bachelor of Science in Computer Engineering;   **Graduated August 2020**
Minor in Mathematics
University of Nebraska-Lincoln (UNL)
GPA 3.13

Associate of Applied Science in Business Administration   **Graduated March 2010**
Southeast Community College, Lincoln, NE
GPA 3.67

ENGINEERING EXPERIENCE

University of Nebraska-Lincoln
Student Employee – Computer Science & Engineering   **May 2020 – August 2020**
- Recruited to continue the Senior Design Project and expand the web application
- Collaborated using Visual Studio Code's Live Share
- Refactored the code to improve readability and efficiency
- Implemented new features and component testing
- Conducted a zoom presentation with colleagues at UNL and partners at the University of Maryland

Senior Design   **August 2019 – May 2020**
- Executed a multistage project using agile processes
- Collaborated in a team of 6 on a Git repository through GitHub
- Created and maintained a web application with a graphical-user-interface using React JavaScript and Node.js along with NPM
- Implemented continuous integration testing
- Created diagrams for both process and performance of the software

Software Engineering   **August 2018 – December 2018**
- Analyzed software design attributes
- Used a modified waterfall model to design a Java interface for connecting to a database that stored an employee schedule

NATHAN DOHER

4446 Hillside Street • Lincoln, NE 68506 • 402-499-4725 • ncdoher@gmail.com
www.linkedin.com/in/nathan-doher
https://doher.netlify.app/

PROGRAMMING COURSES

Computer Science I and II
- Collaborated in a team of 4 using MATLAB
- Created and used object-oriented programming in Java for sorting, recursion, and connecting to a SQL database
- Created executable programs

Data Structure & Algorithm
- Programmed in C++ using algorithm analysis, recurrence relations, and data structured trees
- Digital Logic Design
- Applied hardware description language VHDL, worked with logic gates and design of combinational circuits analysis of finite state machine

Programing Concepts
- Compared and assessed strengths and weaknesses of ANTLR, JavaScript, Haskell, and Prolog
- Utilized above languages to find solutions to similar problems in different ways

---

ADDITIONAL EXPERIENCE

Spirit of America FCU   August 2018 – January 2020
Member Service Representative
- Managed member's financial needs in a professional manner
- Revised procedures and daily tasks for employees
- Complied with all regulations, policies and procedures involving financial transaction processes

Walmart   February 2002 – August 2018
Fresh Associate
- Trained 3 managers in duties of the meat department
- Forecasted quantity of fresh units needed to satisfy customer demand

Manager of Meat
- Implemented and maintained an organized meat storage area
- Prioritized daily task and delegated responsibilities to my subordinates
- Demonstrated excellent customer service as noted in my reviews

Manager of Stationery, Crafts and Celebration
- Supervised projects completed by 4 subordinates
- Coordinated communication and assigned duties on department projects over multiple shifts
- Interviewed potential candidates for employment and provided input to upper management
- Trained new employees within the department on inventory management policies

Automotive Technician
- Performed vehicle maintenance for customers
- Supplied documentation on vehicle maintenance to avoid liability

Inventory Control Specialist
- Arranged new inventory for distribution to the departments

VOLUNTEER EXPERIENCE

Extreme Mission, Legionaries of Christ

Haiti, Port-Au-Prince   January 2013
- Built benches for a children's school devasted by an earthquake and helped care for orphans

Mexico, Nuevo Durango   March 2012
- Worked in cooperation with a team to build walls for the first stage in a community learning center