

NATHAN DOHER

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OBJECTIVE

To obtain a job where I can utilize my computer engineering experience and professional skills

SKILLS

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

EDUCATION

University of Nebraska Lincoln Graduation August 2020	<i>Bachelor of Science in Computer Engineering</i> <i>Minor in Mathematics</i>	GPA 3.13
Senior Design	<ul style="list-style-type: none">• Executed a multistage project using agile processes• Collaborated with a team 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	<ul style="list-style-type: none">• Analyzed software design attributes• Used a modified waterfall model to design a Java interface for connecting to a database that stored an employee schedule	
Computer Science I and II	<ul style="list-style-type: none">• Collaborated 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	<ul style="list-style-type: none">• Programmed in C++ using algorithm analysis, recurrence relations, and data structured trees	
Digital Logic Design	<ul style="list-style-type: none">• Applied hardware description language VHDL, worked with logic gates and design of combinational circuits analysis of finite state machine	
Programing Concepts	<ul style="list-style-type: none">• Compared and assessed strengths and weaknesses of ANTLR, JavaScript, Haskell, and Prolog• Utilized above languages to find solutions to similar problems in different ways	
Southeast Community College Lincoln NE Graduated March 2010	<i>Associate of Applied Science Business Administration</i>	GPA 3.67
	<ul style="list-style-type: none">• Gained relevant business skills including course work in accounting, ethics, marketing, communication, and analytic skills	

WORK EXPERIENCE

University of Nebraska Lincoln May 2020 – Present Student Worker – Computer Science & Engineering	<ul style="list-style-type: none">• 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• Implementation of new features and components• Testing of components
Spirit of America FCU August 2018 – January 2020 Member Service Representative	<ul style="list-style-type: none">• 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

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WORK EXPERIENCE

Walmart

February 2002 – August 2018

Positions Held

Department Manager of Meat
Department Manager of
Stationery and Crafts
Automotive Technician
Inventory Control Specialist
Associate of Lawn and Garden
Associate of Meat Department

- Supervised projects completed by subordinates
- Coordinated communication and assigned duties on department projects over multiple shifts
- Interviewed potential candidates for employment and provided input to upper management
- Trained managers and associates in their job duties
- Trained new employees within the department on inventory management policies
- Arranged new inventory for distribution to the departments
- Performed vehicle maintenance for customers

VOLUNTEER EXPERIENCE

Extreme Mission, Legionaries of Christ

Haiti, Port-Au-Prince

A week in January 2013

- Built benches for a children's school devastated by an earthquake and helped care for orphans

Mexico, Nuevo Durango

A week in March 2012

- Worked in cooperation with a team to build walls for the first stage in a community learning center