

NATHAN DOHER

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www.linkedin.com/in/nathan-doherty

<https://doherty.netlify.app/>

OBJECTIVE

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

SKILLS

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

EDUCATION

University of Nebraska Lincoln
Graduated August 2020

Bachelor of Science in Computer Engineering
Minor in Mathematics

GPA 3.13

Senior Design

- 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

- 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

- 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

- 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

Programming 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

Southeast Community College
Lincoln NE
Graduated March 2010

Associate of Applied Science Business Administration

GPA 3.67

- 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

- 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

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WORK 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

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