

# Morgan Haworth

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morganhaworth.com

## TECHNICAL SKILLS

### Languages / Frameworks / Tools

- Python - HTML/CSS - Java
- .NET/C# - AngularJS - SQL
- Git - JIRA - Postman

## EDUCATION

### University of Nebraska at Omaha

Master of Science in Computer Science  
Expected May 2022

#### Relevant Coursework

- Human Computer Interaction
- Software Specifications & Design

Bachelor of Science in Computer Science  
Expected May 2021 | GPA 3.75

#### Relevant Coursework

- Software Engineering
- Programming Languages
- Data Structures
- Windows and Linux Administration

## PROJECT (GitHub)

### RecipeFinder

Flask (Python), SQLite, Bootstrap

- Flask Web App to display recipes given a user's inputted ingredients

## ACTIVITIES

### HackIllinois2020 | *Staff Pick Win*

February 2020 | grid-strategy-2.0

- Added customizable aspect ratio for displaying plots

### HackIllinois2019 | *1st place*

February 2019 | grid-strategy

- Created our demo showcasing grid-strategy in Jupyter Notebook
- Learned about code coverage and git

### CodePath

Summer 2019

Intermediate Software Engineering  
Algorithm Interview Prep Course

### Grace Hopper Conference

### National Scholarship Recipient

Fall 2019

### HackISU

Spring 2018 and Fall 2018 Participant

## EXPERIENCE

### Bank of America | *Summer Tech Analyst Intern*

June 2020 - August 2020 | Omaha, NE

- Scraped, analyzed, and visualized financial data using Python libraries

### Mutual of Omaha | *Technology Intern*

January 2020 - May 2020 | Omaha, NE

- Create database tables, APIs for a health-check application, and learn about Quartz scheduler integration
- Set up an FTP testing environment

### Union Pacific | *IT Intern*

September 2019 - January 2020 | Omaha, NE

- Setup Angular frontend application for managing documents

October 2018 - May 2019 | Omaha, NE

- Create portions of web pages that call services to display information
- Modified several services in order to retrieve desired data
- Technologies used are AngularJS, HTML/CSS, Java, and PL/SQL

### Spreetail | *Software Engineer Intern*

May 2019 - August 2019 | Omaha, NE

- Created backend services in .NET and Entity Framework to improve fulfillment center location management

### DoSpace | *Lead Instructor*

October 2018 - Present | Omaha, NE

#### Hello Code | *Adult Class*

- Teach and create curriculum for 5-week HTML/CSS intro course

September 2018 - March 2019 | Omaha, NE

#### Girls Who Code Club

- Teach basics of computer science: conditionals, functions, variables, loops and objects using Python and helped students create a capstone

### Girls Who Code | *Summer Immersion Program TA*

May 2018 - August 2018 | Sunnyvale, CA

- Facilitated student learning of curriculum: Scratch, Arduino C, etc

## UNIVERSITY INVOLVEMENT

### ACM UNO Student Chapter

President 2020 - Present | Officer 2019 - 2020 | Member 2017 - 2019

- Help organize ACM's weekly meetings and events. I proctor and create questions for ACM coding competitions and attend local competitions

### ACM-W UNO Student Chapter

Member 2017 - 2018 and 2020 - Present | Vice President 2018 - 2020

- Overlook and help organize our chapter's meetings
- Connect and volunteer with tech community - CodeCrush, Girl Scouts