

# Morgan Haworth

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## TECHNICAL SKILLS

### Languages / Frameworks / Tools

- Python - HTML/CSS - VueJS  
- Java - Git - AWS - SQL - JIRA

## EDUCATION

### University of Nebraska at Omaha

Bachelor of Science in Computer Science  
May 2021 | GPA 3.8

#### Relevant Coursework

- Software Engineering, Theory of Comp
- Principles of Programming Languages
- Data Structures, Operating Systems
- Windows and Linux Administration

#### Graduate Level

- Software Specifications & Design
- Human Computer Interaction
- UX Design

## 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

### UNO Programming Competition

Spring 2019 | UNO ACM  
1st Place in Open Bracket

## EXPERIENCE

### Twitch | DevOps Engineering Intern

May 2021 - Aug 2021 | Remote Internship

- Create Slack Bot for domain delegation using AWS Suite
  - API Gateway, Lambda, Route53, EC2, Terraform

### Mutual of Omaha | Technology Intern

August 2020 - April 2021 | Remote Internship

January 2020 - May 2020 | Omaha, NE

- Add and modify files and HTML on consumer-facing sites
- Created FTP testing suite

### Bank of America | Summer Tech Analyst Intern

June 2020 - August 2020 | Remote Internship

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

### Union Pacific | IT Intern

September 2019 - January 2020 | Omaha, NE

- Setup Angular frontend application for managing documents

October 2018 - May 2019 | Omaha, NE

- Modified Java services and create web components with AngularJS

### 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 and Remote

#### Hello Code | Adult Class

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

December 29th, 2020, May 18th, 2021, and Aug 19th, 2021 | Remote

#### Javascript Basics | 1-Hour Webinar

September 2018 - March 2019 | Omaha, NE

#### Girls Who Code Club | 6th - 7th Grade

- 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 - 2021 | 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-Women UNO Student Chapter

Member 2017 - 2018 | Vice President 2018 - 2020

- Connect and volunteer with tech community: CodeCrush & Girl Scouts