

Luke Moenning

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EDUCATION

The University of Iowa

Bachelor of Science

Iowa City, IA

Expected December 2024

- Computer Science Major, Psychology Minor - GPA: 3.86
- University of Iowa Honors
- University of Iowa Dean's List - Fall 2021, Spring 2022
- Member of Association for Computing Machinery (ACM)

Relevant Coursework

- Completed: Data Structures, Discrete Mathematics, Introduction to Linear Algebra, Multivariable Calculus, Introduction to Engineering Problem Solving
- Ongoing: Computer Organization, Introduction to Software Development

EXPERIENCE

Web Intern

September 2022 – Present

The University of Iowa - College of Engineering

Iowa City, IA

- * Learn front end development skills and how to handle accessibility issues for websites
- * Maintain the College of Engineering website
- * Handle ticket requests and communicate results and constraints with the requester

Lead Instructor

June 2019 – Present

Mathnasium - The Math Learning Center

Iowa City, IA

- * Lead students to look at math from a different perspective so they gain a better understanding of it.
- * Tutored 50+ students from kindergarten to Calculus
- * Demonstrate leadership for the other instructors by taking charge when the Center Director is gone
- * Develop my communication skills by instructing students and interacting with parents

PROJECTS

Snake Game | *Java, JavaSwing*

April 2022

- * Became familiar using object oriented programming in a larger project
- * Gained experience utilizing and modifying LinkedLists of objects I created
- * Allows the user to create an account or play as a guest and stores the account information in a CSV file

Weather App | *Python, Tkinter*

August 2022

- * Learned how to retrieve and manipulate data from APIs for projects
- * Prompts user to input a city and correctly displays the weather and a corresponding weather icon

Personal Website | *HTML/CSS, JavaScript*

September 2022

- * Practiced common web development principles as well as web design
- * Created a personal website to serve as a project portfolio and way to learn about me

TECHNICAL SKILLS

Experienced: Java, Python, HTML/CSS, JavaScript, Git

Familiar: C, C++, Linux