

Luke Moenning

lukemoenning.com | linkedin.com/in/lukemoenning | github.com/lukemoenning
319-440-7133 | luke.moenning@gmail.com

TECHNICAL SKILLS

Java, Python, HTML/CSS, JavaScript, React, Docker, Git

EXPERIENCE

Web Intern

September 2022 – January 2023

The University of Iowa - College of Engineering

Iowa City, IA

- Learned front end development skills and how to handle accessibility issues for websites
- Maintained the College of Engineering website
- Handled ticket requests and communicate results and constraints with the requester

Lead Instructor

June 2019 – Present

Mathnasium - The Math Learning Center

Iowa City, IA

- Taught students to look at math from a different perspective so they gain a better understanding of it.
- Tutored 50+ students from kindergarten to Calculus
- Held leadership and instruction training for the instructors
- Developed my communication skills by instructing students and interacting with parents

PROJECTS

Trackify | *React, Docker, JSDoc*

October 2022

- Created a Spotify stat tracker using React and Docker containers
- Prevented prop drilling and tightly coupled code with the use of Context API
- Utilized JSDoc documentation to improve the maintainability of the project
- Learned how to retrieve and manipulate data from APIs

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

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

EDUCATION

The University of Iowa

Iowa City, IA

Honors Bachelor of Science - GPA 3.88

- BS Computer Science; BS Mathematics
- Artificial Intelligence, Modeling, and Simulation Certificate; Psychology Minor
- University of Iowa Dean's List - Fall 2021, Spring 2022, Fall 2022
- Member of Association for Computing Machinery (ACM)

Relevant Coursework

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