

Logan Ellsworth

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EDUCATION

Iowa State University

Bachelor of Science (Honors), Computer Science (GPA: 3.9/4.0)

Dean's List: Fall 2021, Spring 2022, Fall 2022, Spring 2023

Anticipated: May 2025

Ames, IA

PROJECTS

Brewery Website

January 2023 – May 2023

Built a fully functional website for a brewery using **MySQL**, **Express**, **React**, **Node**, and **Tailwind CSS**.

This project was done with a team of three people. We frequently reviewed the objectives determined through client consultations, and we performed a demonstration of the finished product and provided documentation for the client.

Personal Website (<https://ellsworthlogan.github.io/PersonalWebsite/>)

February 2022

Built a personal website using **React** and **Tailwind CSS** to provide a place for people to get to know me and see the projects I've been working on.

Multi-class Image Classification Model

April 2023 – May 2023

Built and trained a neural network on project-specific scraped data to classify an image as one of four breeds of cat and dog. Utilized **TensorFlow**, **OpenCV**, **Matplotlib**.

WORK EXPERIENCE

Kent Corporation

May 2023 – August 2023

Networking Intern

Muscatine, IA

- Contributed to the network setup and configuration used in new sales systems at several locations and presented on the objectives and key results.
- Mentorship in Network Engineering, Systems Engineering, and Database Administration.
- Configured networking devices; troubleshoot network errors.

Iowa State University

October 2022 – Present

Undergraduate Research Assistantship

Ames, IA

- Wrote programs to automate various tasks for faculty conducting research.
 - Communicated with team-members completely remotely.
 - Received various tasks and formed unique methods of automation.
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TECHNICAL SKILLS

Programming Languages

- Java, Python, HTML, CSS, SQL, JavaScript

Technologies and Databases

- Node.js, Express.js, React.js, Tailwind CSS, Bootstrap, MySQL, Neo4j, MongoDB
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LEADERSHIP & ORGANIZATION INVOLVEMENT

Computer Science Student Advisory Council

November 2022 – Present

- Assist faculty by providing feedback on the CS department of ISU.

Undergraduate Curriculum Committee

February 2022 – Present

- Student body representative in committee meetings.

ICPC (International Collegiate Programming Contest)

February 2023

- Compete on a team of three to solve programming problems.