

LILLIAN ELLISON

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<http://www.thebeaddragon.com>

Software and Web Developer with an extensive background in veterinary medicine. Driven to provide end-users attractive, functional platforms best suited to their needs. Quick learner with a passion for intuitive design. Strengths in logic, problem-solving, and creativity.

EDUCATION

Certificate in Python, Web Development, DSA, and Corporate Proficiency

TechWise by TalentSprint, Powered by Google

September 2024

Ankeny, IA

- Chosen from leading colleges as one of the top 120 students

A.A.S. in Computer Information Systems

Des Moines Area Community College

May 2024

Ankeny, IA

B.S. in Biological Sciences

Montana State University

May 2006

Bozeman, MT

WORK EXPERIENCE

Communications Intern

Iowa State Fairgrounds (ISF)

June 2023 – August 2023

Des Moines, IA

- Established connections and installed equipment to seamlessly distribute both wired and wireless internet for over 1 million guests.
- Initiated charge of troubleshooting and delivering top-tier customer service to a diverse range of over 20,000 vendors at World Pork Expo 2023 and the 2023 Iowa State Fair.
- Improved internet speed and connectivity across the fairgrounds by splicing fiber optic cables and checking fiber viability with an optical time-domain reflectometer (OTDR)

Medical Records Technician

Iowa State University Veterinary Medical Center

January 2019 – December 2022

Ames, IA

- Ensured consistent medical care of small animals by processing, verifying, and requesting necessary corrections of over 100 medical records per day on average.
- Increased departmental effectiveness and efficiency by 50% by training student employees to process records and fulfill requests.
- Improved the proprietary Cyclone Veterinary Information System (CVIS), a veterinary medical management program, through collaboration with the System Analyst and program creator.

PROJECTS

Animal Rescue Coordinator (ARC) | <https://arcapp-techwise.web.app/>

Web App for Foster-based Animal Rescues

February 2024

Sole Author

- MongoDB, Express.js, React, Node.js, GitLab

Hangry Boids | <https://nsmboog.itch.io/boids-ecosystem>

Flocking simulator with variable particle behavior

August 2023

Front end (GUI and Sound Design)

- Unity, C#, GitHub

Black Dog Construction | <http://www.blackdogwy.com>

Professional website for Black Dog Construction, LLC

September 2022

Sole Author

- HTML, CSS, JavaScript, Bootstrap, Google Fonts

COMPUTER SKILLS

- Proficient in Java, Python, SQL, HTML, CSS, and JavaScript
- Introductory knowledge of React, Docker, CI/CD Pipelines, Agile, TypeScript, and NoSQL