

Lillian Ellison

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LinkedIn: [/LillianEllison](#) | Website: [TheBeadDragon](#) | GitHub: [/TehLily](#)

Software and web developer with an extensive background in veterinary medicine. Driven to provide end-users attractive, functional websites and software platforms best suited to their needs. Detailed-oriented quick learner with a passion for intuitive design. Strengths in logic, problem-solving, and creativity.

TECHNICAL SKILLS

JavaScript ES6+, CSS3, HTML5, SQL, Python, C++, Java, C#, Oracle, Unity, Microsoft Suite, GitHub, Bootstrap

PROJECTS

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

- Summary: Flocking simulator demonstrating particle behavior based on variable conditions
- Role: Front end designer (GUI and Sound Design)
- Tools: Unity, C#, GitHub, Google Fonts, Photoshop

Black Dog Construction | <https://github.com/TehLily/BlackDogConstruction> | <http://www.blackdogwy.com>

- Summary: Website for Black Dog Construction, LLC.
- Role: Sole author
- Tools: HTML, CSS, JavaScript, Bootstrap, Google Fonts

The Bead Dragon | <https://github.com/TehLily/TheBeadDragon> | <http://www.thebeaddragon.com>

- Summary: Website created to display work for web development courses.
- Role: Sole author
- Tools: HTML, CSS, JavaScript, Bootstrap, Google Fonts

EXPERIENCE

Iowa State Fairgrounds (ISF)

June 2023 – August 2023

Communications Intern

Des Moines, IA

Worked with a team to provide internet and communication services to ISF clients and visitors.

Key Accomplishments:

- Established connections and installed equipment to seamlessly distribute both wired and wireless internet.
- Initiated charge of troubleshooting and delivering top-tier customer service to a diverse range of 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)

Iowa State University (ISU) Veterinary Medical Center

January 2019 – December 2022

Medical Records Technician

Ames, IA

Assisted clients, faculty, and staff with precise and accurate record management in fast-paced, high-stress veterinary teaching hospital.

Key Accomplishments:

- Ensured consistent medical care of small animals by processing, verifying, and requesting necessary corrections of over 100 medical records per day on average.
- Maintained confidentiality of clients and patients through polite discourse when requests for records could not be granted.
- Connected clients, authorized personnel, and collaborating professionals with information approved for release in multiple formats by mail, personal hand-off, and digital transfers.
- Increased departmental effectiveness and efficiency 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.

EDUCATION

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

September 2024

TechWise by TalentSprint, Powered by Google

Des Moines, IA

Chosen from leading colleges as one of the top 120 students for TechWise, a Google-supported program by TalentSprint. Equipped with Python, Web Dev, DSA, and corporate skills, TechWise readies participants for thriving tech careers.

A.A.S., Computer Information Systems

May 2024

Des Moines Area Community College (DMACC)

Des Moines, IA

Certificate, Veterinary Assisting

May 2012

San Juan Community College

Farmington, NM

Bachelor of Science, Biology

May 2006

Montana State University

Bozeman, MT

Graduated as a Presidential Scholar with Distinction and Honors Degree