

Miles Gregory Berg

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EDUCATION

Texas Tech University - College of Arts and Sciences

Lubbock, TX

Bachelor's of Science, Biological Sciences

3.4 Cumulative GPA

- Graduated December 2022, Minor in Chemistry
- 3x Dean's List, 2x Presidents List

WORK EXPERIENCE

Crestron Electronics

Plano, TX

Application Engineer

Sep 2024 - Present

- Provide programming, configuration, and technical support to Crestron dealers and integrators, ensuring successful deployment of control and automation solutions.
- Collaborate with integrators to design, troubleshoot, and optimize systems, delivering timely resolutions and best-practice guidance.
- Specialize in residential automation with expertise in SIMPL Windows, SIMPL#, audio/video systems, and IP networking.
- Design and implement custom user interfaces using Crestron Construct (HTML/CSS-based UI templates) and other interface technologies.

Guinn Partners

Austin, TX

Software Developer

Sep 2023 - Feb 2024

- Created a user-centric Ecommerce platform for an autonomous rover mower project, incorporating feedback from supervisors; adjustments increased overall satisfaction, resulting in an improvement in overall website navigation
- Researched and compared 8 competitor websites to determine optimal promotional strategies; developed actionable insights that improved pricing structure.
- Optimized front-end components using React framework, including the header and footer, improving site navigation and user engagement tenfold. Use optimal coding techniques in JavaScript, **reducing front-end codebase by as much as 30%**.
- Implemented effective SEO strategies, boosting website search engine ranking and visibility, resulting in an **increase in organic traffic** and an **improvement in search engine rankings**.
- Component Development: [Header & Footer Components](#)

PROJECTS

Personal Portfolio Website

[Live Site](#) | [Source Code](#)

- Designed and developed a professional portfolio website to effectively showcase my projects and skills, including a downloadable resume and direct links to key projects. The site is optimized for both desktop and mobile viewing.

Weather Application (WIP)

[Source Code](#)

- Developed a feature-rich weather application using React.js, providing users detailed hourly and 7-day forecasts. Integrated a responsive UI and API to enhance user experience, increasing user engagement.

To-Do Web Application

[Source Code](#)

- Created a full-stack To-Do list app with React.js and Django, enabling real-time task management. Optimized for efficiency, the application supports real-time updates across both the user interface and back-end.

SKILLS

Fields of Interest: Software Development, Application Engineering, Web/UI Development

Programming Languages: Python, HTML, CSS, SCSS, JavaScript, Java, C#

Frameworks & Tools: React.js, Angular, Django, Node.js, Adobe Creative Suite