JAMES STROBEL

📞 (208)-390-2084   ✉ strobeljames20@gmail.com   in linkedin.com/in/james-strobel-170783295   ⚙ github.com/strobecode

Education

Brigham Young University-Idaho   **August 2024 – August 2026**
Bachelor of Science in Computer Science   *Rexburg, Idaho*

Brigham Young University   **June 2022 – December 2023**
Coursework in Computer Science   *Provo, Utah*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- iOS Development
- Systems Programming
- Computer Systems
- Database Management
- Internet Technology
- Mobile Development

Experience

Software Engineering Intern   **March 2024 – June 2024**
Envelope Money   *San Francisco, CA*

- Collaborated with a team of 5+ developers to design and implement the front end of a mobile app using Flutter framework.
- Designed and implemented a fully responsive hamburger menu using HTML, CSS, JavaScript, and ReactJS enhancing user navigation on both mobile and desktop platforms; the feature is currently used by over 5,000 users on Envelope
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Participated in code reviews and improved coding practices based on feedback from senior engineers.

Database Assistant   **August 2019 – March 2022**
Teton Radiology   *Idaho Falls, ID*

- Processed entire inventory of physical reports onto a medical database using SQL
- Improved efficiency by 2x of processing reports by discovering a new way to process all reports at once instead of separately, resulting in processing reports twice as fast as the previous employee
- Provided support to the IT department, helping with tasks such as software installation, computer setup, system cloning and system configuration
- Explored ways to visualize and send a report of test results to systems administrators using HTML, Javascript, and CSS.

Projects

Scheme Language Interpreter | *Python*   **January 2023**

- Tokenized Scheme language input using Python, breaking down the code into its fundamental components like symbols, numbers, and parentheses.
- Implemented key features such as recognizing different data types (numbers, symbols, strings) and handling Scheme syntax like parentheses and operators.
- Developed a basic interpreter framework that converts Scheme source code into tokens for further processing and evaluation.
- Built a command-line interface allowing users to input Scheme code and receive tokenized output in real time.

AWS-Hosted Personal Website | *HTML/CSS, JavaScript, AWS*   **October 2024**

- Built and deployed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Hosted the website on AWS, ensuring high availability and scalability.
- Integrated modern design principles to showcase projects, skills, and professional experience.
- Implemented optimizations for performance and to enhance visibility and user experience.

Extracurricular

- **Major League Hacking 2024 (MLH)**: Participated in MLH Hackathon 2024

- **Computing Society**: Student group providing workshops, coding events, and networking for tech skills and career development.

- **Web Design-Development Club**: Student-Led club to enhance web development skills