# Caleb R. Barzee

barzeec@gmail.com | 208-403-6378 | Salt Lake City, UT

calebbarzee.github.io | linkedin/in/calebbarzee

## Education

### Bachelor of Science, Software Engineering

*Brigham Young University - Idaho*             GPA: 3.75             Sept. 2019 - Dec. 2023

*Certificates: Computer Programming, Web Development*

- ○ Proficient in Python, C++, Swift, TypeScript, Java, and SQL
- ○ Implemented modular functions, enhancing code readability and reusability
- ○ Architected complex software applications utilizing both functional and object-oriented paradigms
- ○ Optimized algorithms by refining code structure improving efficiency and maintainability
- ○ Coordinated efforts and boosted team moral through frequent analysis and positive critique

## Work Experience

### Teaching Assistant • *Brigham Young University - Idaho*             Jan. 2023 - May 2023

- ○ Tested and streamlined course content for Swift and Kotlin classes ensuring pedagogical effectiveness
- ○ Corrected technical defects and ideological inconsistencies improving student experience
- ○ Engaged in a Git driven workflow via CLI with a configured IDE to maintain proper content versioning

### Graphic & Web Designer • *City of Rexburg | Cultural Arts Dept.*             June 2021 - Apr. 2022

- ○ Established a comprehensive brand identity, creating and curating logo, letterhead, typeface, and color palette
- ○ Kick-started online engagement by developing a minimalist website leading to substantial initial revenue
- ○ Elevated customer experience by revising logical and aesthetic processes, ensuring end-to-end cohesive UX/UI
- ○ Pioneered outreach program through .org partners delivering community awareness and surplus volunteer labor

### IT Technician • *City of Rexburg | Information Technology Dept.*             May 2020 - June 2021

- ○ Maintained operational integrity of macOS, Windows10, Linux, iOS, and Android devices, reducing downtime
- ○ Resolved extensive hardware and software issues through systematic problem-solving, enhancing operations
- ○ Educated users on enterprise applications with adaptive instruction, enabling employees and minimizing errors

### Technology Associate • *Brigham Young University - Idaho*             Sept. 2019 - June 2020

- ○ Provided expert technical support by rapidly diagnosing issues on a wide variety of student-owned devices
- ○ Managed repair process, balancing customer demands with operational profitability providing quality services
- ○ Bolstered inventory management by advising product procurement, reducing dead stock and growing profits

## Personal Projects

- ○ Built an educational web app with React.JS creating a stateful and immersive humanities quiz
- ○ Structured a robust, RESTful API with TS, Jest, Mongoose, and Express enabling a small business
- ○ Developed a web app template to streamline blogging, enabling high quality content with markdown
- ○ Assembled an AI repository analysis tool, employing LLM and local CPU accelerating productivity
- ○ Built a versatile e-commerce site with adaptable components and convenient API for rapid customizing
- ○ Designed and completed an iOS app with image recognition MLM identifying object materials
- ○ Engineered a full-stack web app to generate portfolios from resumes, assisting employment seekers