Joe Brijs

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Portfolio: https://jbrijs.github.io/
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Education

- **Utah State University** — Logan, UT
  Bachelor of Science in Computer Science; GPA: 3.64 — *Aug. 2021 – May. 2025*
- **Roseville High School** — Roseville, CA
  GPA: 4.32 — *Aug. 2017 – June. 2021*

Programming Skills

- **Languages**: Python, Java, Javascript, CSS, HTML **Technologies**: Git, React

Relevant Coursework

- **CS 1**: Gained a strong grasp of the fundamentals of computer science, problem solving with code, and the basics of object oriented programming using Python.
- **CS 2**: Furthered my understanding of the basics of programming using Java, with a strong focus on OOP and recursion.
- **Event Driven Programming and GUIs**: Learned the fundamentals of event driven programming and used JavaScript, CSS, and HTML to create functional, appealing, and accessible GUIs.
- **Methods in CS**: Used Python to grow my understanding of the software development life cycle. Shifted away from small, built-from-scratch projects and instead dove into existing code bases with the goal of refactoring, debugging, improving upon, adding features, and/or integrating two code repositories. Gained a solid understanding of the command line and using git.
- **Data Structures and Algorithms**: Gained a robust understanding of time complexity, data structures such as trees, graphs, linked lists, etc., and the essential algorithms used in software engineering.

Projects

- **Personal Portfolio Website**
  - Fully customized personal website to display my software engineering portfolio.
  - Built entirely from scratch using JavaScript, CSS, and HTML.
  - Website: https://jbrijs.github.io/
- **Mobile Friendly Quote Application**
  - Created a mobile-friendly web application.
  - Accessed a quotes API to get quote information from famous people in history
  - Users can search for and pin their favorite quotes.
- **Command Line Fractal Generator**
  - Python program that runs entirely from the command line.
  - Users are given possible fractal and palette configurations.
  - Utilizes the Tkinter library to display the fractal.
  - Can easily add more fractal and/or palette configurations.
  - The program design is object oriented and modular.