

Jonathan Bancroft

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EDUCATION

University of Utah

BS, Computer Science

Expected May 2025

Salt Lake City, UT

- Course Work:
 - CS 4550: Web Software Development II (In progress)
 - CS 3550: Web Software Development I
 - CS 4150: Algorithms (In Progress)
 - CS 3100: Models of Computation (In Progress)
 - CS 3500: Software Practice
 - CS 3810: Computer Organization
- Dean's List: Spring 2022, Fall 2023, Spring 2023
- 3.85 GPA

SKILLS, PROJECTS & INTERESTS

- **Skills:**
 - *Languages:* Java, Python, C#, C++, HTML, CSS, SQL, JavaScript
 - *IDE's:* Eclipse, PyCharm, Visual Studio, Visual Studio Code, Qt Creator
 - *Tools:* Git, MAUI, Qt, JSON, AWS, jQuery, LaTeX, venv
 - *Frameworks:* Django, FastAPI
- **Projects:**
 - Grading Website:
Repository Link: <https://gitfront.io/r/JonBancroft/TPR1UuKCemWW/AssignmentGrader/>
Technologies used: Django, HTML, CSS, SQL, JavaScript, Python, PyCharm, AWS
 - Created and deployed a grade management website. Features include user validation for different accounts types, file upload and download, and dynamic table sorting using JavaScript.
 - Sprite Editor:
Repository Link: <https://gitfront.io/r/JonBancroft/TtParGrrPide/sprite-editor/>
Technologies used: C++, Qt, Qt Creator
 - Worked on a team of six using the Scrum collaboration framework to create a sprite editing tool with a functional UI. Was primarily responsible for the frame selection tool and playback animation.
 - Spreadsheet:
Repository Link: <https://gitfront.io/r/JonBancroft/3QbFWRt5f8qy/spreadsheet/>
 - Technologies used: C#, Visual Studio, MAUI, JSON, SQL
 - Created a spreadsheet program with a text parser, save and load functionality, and UI display options.
 - Agario Game:
Repository Link: https://github.com/uofu-cs3500-spring23/assignment8agario-jon_jacob
 - Technologies used: C#, Visual Studio, MAUI
 - A simple Agario clone with a client server model and console logging functionality. Sends user input to server and updates screen view dynamically based on server response.
- **Interests:** Exploration games, sci-fi/fantasy books, and jazz music

WORK EXPERIENCE

Davis School District

Custodian

Mar 2022 – Present

Farmington, UT

- Work with teachers and staff to ensure consistently well-maintained facilities.