

Reece Kalmar

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EDUCATION

University of Utah

Bachelor's of Science in Computer Science

Salt Lake City, UT

Aug. 2022 – Dec 2025

Salt Lake Community College

Associate of Science

Salt Lake City, UT

Aug. 2021 – May 2022

EXPERIENCE

NFL Data Science Research

University of Utah

Jan 2024 – May 2024

SLC, UT

- Developed visualizations for NFL data using Python libraries such as Pandas, Matplotlib, NumPy, Seaborn, Plotly and machine learning tools like Scikit-learn and Pytorch.
- Cleaned and analyzed NFL playoff data, implementing a machine learning model that accurately predicted 9 of the last 10 Super Bowl winners.
- Applied statistical models, including Bernoulli and Poisson distributions, to build predictive models for game outcomes.

Software Engineer Intern

Spa Wellness Center

May 2023 – September 2023

Draper, UT

- Integrated Aesthetic Record EMR with Growth99 and Mailchimp using Zapier to automate data flow and streamline marketing and customer management processes.
- Developed a REST API using Java Spring Boot to interface with the Calendly appointment booking system, enabling efficient access and management of NoSQL data.

PROJECTS

Spreadsheet | C#, MStest, Avalonia

Aug 2024 – Present

- Developing a Cross platform spreadsheet app
- Implemented algorithm for parsing and evaluating infix formulas
- Using Avalonia for front end to be able to display spreadsheet

Snake | JavaScript, HTML, CSS

May 2024 – Present

- Developed a fully-functional Snake game from scratch to reinforce core concepts of JavaScript, HTML, and CSS without the use of external frameworks.
- Implemented game logic, collision detection, and dynamic rendering on the HTML canvas, enhancing problem-solving and DOM manipulation skills.
- Gained a deeper understanding of browser-based development, responsive design, and user interaction through this project.

TECHNICAL SKILLS

Languages: Java, Python, C#, NoSQL, JavaScript, HTML/CSS

Frameworks: JUnit, MStest, Tailwind CSS, SpringBoot

Developer Tools: Nodejs, Git, VS Code, Visual Studio, Bash, Maven, Dotnet

Libraries: React, pandas, NumPy, Matplotlib, Seaborn, Plotly, Scikit-learn, Pytorch