

ISAAC HALL

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Education

University of Utah

SLC, UT

Bachelor of Science in Computer Science, 3.75 GPA

Aug 2022 - May 2026

- **Selected Coursework:** Data Structures and Algorithms, Software Practice I, Software Practice II, Computer Organization, Linear Algebra, Discrete Structures
- **Awards:** Flagship Scholarship Award, Deans List

Experience

Clarkson Construction Software Intern

Kansas City, Mo

Software Intern

May 2024 - August 2024

- Leveraged SPFx (SharePoint Framework) and React to develop custom web parts for an internal SharePoint hub website. As well as this, set up a Django REST framework backend to make client connections to an Azure App to make requests to the Microsoft Graph API on behalf of the web part.
- Assisted in the strategic migration of Clarkson Construction's file storage from on-premises systems to SharePoint.

Projects

Blog Website

Personal Project

- * Utilized a React.ts + Vite front-end and a Django Rest Framework back-end to create a website where users can log in or register accounts, create blog posts, view and vote on other users' blog posts, and comment on specific blog posts.

University of Utah Software Development Club

SLC, UT

Vice President

August 2023 - Present

- * Committee Head of the Hackathon division of the SDC

Blackjack Educational App

Class Project

- * An educational app created with 5 other teammates utilizing a 3-week sprint to. My responsibilities included creating all of the game logic for Blackjack, as well as, assisting with the UI.

Sprite Editor

Class Project

- * A Sprite Editor Created in collaboration with 5 other CS students utilizing C++ and QT

Spreadsheet

Class Project

- * An application created alongside Bradley Bartelt utilizing C# and Maui to create a Spreadsheet software. This software allows you to save values in cells, as well as, use these stored values to do things like add, subtract, multiply, and divide utilizing the values from the cells.

Twitter Bot

Personal Project

- * A Twitter bot that scraped Twitch.tv using selenium for 24 hours every day to determine who were the top three streamers that day and once a day at midnight posted, depending on my own algorithm for determining the tops streamers, the top three streamers to a Twitter account.

Technical Skills

Languages: TypeScript, Python, Tailwind, C++, C#, Java

Technologies/Frameworks: Django REST Framework, React.ts, QT, Maui, Selenium

Developer Tools: VSCode, Visual Studio Code, IntelliJ