

Riley Kraabel

(847) 691-9234 | rileykraabel@gmail.com | rileykraabel.github.io

EDUCATION

University of Utah

August 2021 - May 2025

Bachelor of Science, Software Development | **GPA:** 3.6/4.0

Salt Lake City, UT

- **Relevant Coursework:** Designing HCE, Database Systems, Computer Security, Mobile App Programming, Data Structures, Web Development (I & II), Software Practice (I & II)

TECHNICAL SKILLS

Languages: C++, C#, Java, Python, SQL, HTML/CSS/JavaScript

Tools & Frameworks: Microsoft Office / Excel, React.js, Docker, Git, FastAPI, Swagger, AWS

RELEVANT EXPERIENCE

University of Utah

August 2023 – Present

QA Software Intern

Salt Lake City, UT

- Develop custom scripts to enhance efficiency and fix issues with work processes
- Diagnose and effectively communicate technical issues with management and developers
- Maintain and execute **10+** automated **Selenium** and **RESTful API** tests for web apps

PROJECT EXPERIENCE

Air Power Racing - CS 4500 (Capstone)

Fall 2024 – Spring 2025

Custom Web Application / E-Commerce Platform

Salt Lake City, UT

- Engineered a scalable Bubble.io app supporting ~**1,000** clients in the Salt Lake Porsche industry
- Built dynamic dashboards and user panels powered by real-time database queries and logic
- Designed a custom e-commerce platform with full payment processing features using **Stripe API**

Web Software Development II - CS 4550

Spring 2024

Chat Application

University of Utah

- Developed a custom **FastAPI** framework for the back-end of a chat server application
- Utilized **React** and **Tailwind CSS** to implement a front-end visual for the app
- Incorporated **SQLite** database capabilities for authorization/authentication and data storage
- Deployed the program using **AWS** services such as **Lambda**, **API Gateway**, and **Amplify**

Software Practice I - CS 3500

Spring 2023

“Agar.io” Dupe Game

University of Utah

- Created an Agar.io game and linked website to display game statistics utilizing **C#**, **.NET MAUI**, **.NET CORE**, **HTML/CSS**, and **SQL**
- Leveraged TCP/IP networking using multithreading to support multiple client connections and integrated JSON parsing for saving, joining, and retrieving game data