

Jonathan England

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Education

University of Utah College of Engineering
B.S. Computer Science

Salt Lake City, UT
Fall 2021

Relevant Course-work: Data Structures, Databases, Algorithms, Linear Algebra, Mobile App Programming, Web Software Architecture

Programming Skills

-Java -C# -C++ -Swift -Git -MySQL -Android -HTML/CSS
-JavaScript -PHP -[ASP.NET](#)

Projects

Pixel Editor

- Collaborated with a group of students to build a pixel editor in C++ that enabled creation of pixel animation through use of multiple frames
- Implemented a GUI to display a GIF of the pixel sprite created

Spreadsheet Program

- Applied MVC principals to develop a spreadsheet program using C# and the .NET framework
- Developed the UI and implemented basic spreadsheet functionality including cell arithmetic and file management

Poker

- Developed and deployed an online Texas hold em' game using C#, [ASP.NET](#), Javascript, AWS cloud servers, and MySQL that allowed for user stat tracking

Concierge

- Utilized MVC architecture to design and develop an app for locating food and entertainment using Xcode, Google Maps SDK, and Google Places API

University Research Coordinator

- Designed and deployed a website using C#, [ASP.NET](#), and AWS cloud servers that allowed for students to apply to research opportunities posted by professors
- Utilized the Identity Framework and the MVC architecture to develop a role system that granted certain permissions and access based on user roles.

Experience

University of Utah —Teaching Assistant: Jan 2020 - Present

- Aided the professor in teaching an intro to algorithms and data structures course
- Currently helping to teach a probability and statistics course
- Communicated with the instructor to coordinate help hours for the class
- Guided students, answered questions, attended the class, and helped with homework