

Ryan Funk

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Summary

Computer Scientist & Functional Programmer with Education from Brigham Young University - Idaho

My initial work experience has taught me soft skills like punctuality, dependability, productivity, teach-ability, leadership, and team play; all valuable characteristics for a career as I graduate BYU Idaho with a major in Computer Science. I have a primary interest in back-end development, functional programming, and working in teams to solve technical problems and build software.

Education

Bachelor's Degree in Computer Science (3.75 Cumulative GPA)

Anticipated December 2024

Brigham Young University - Idaho

Working in software at a career level with an emphasis on functional programming

Projects

Web App Project – “Game Trend Explorer”

Jan. 2024-Jul. 2024

Senior Project

<https://github.com/RyanFunk2000/game-trend-explorer>

- Gained advanced prowess in Microsoft's web development ASP.NET Core MVC framework
- Hosted database of game sales on SQL Server with Digital Ocean
- Deployed web application with Azure and Github Actions

2D Game Project – “Reap and Sew”

Apr. 2023-Jul. 2023

Group Project

<https://github.com/HNelson98/ReapandSew>

- Grasped novice-level proficiency of Unity game engine and its development environment
- Coded player interaction, physics, camera, collision, enemy, attack, and health logic in C#
- Utilized source control tools Git, GitHub, and GitHub Desktop to share work amongst four-person team

Tools

Programming languages: Python, C, C++, C#, HTML, CSS, JavaScript, Clojure, Erlang, SQL

Development environments: VSCode, Git, GitHub Desktop, Tableau, MySQL, Figma

Skills

- Proficient in optimized, functional back-end software development using Clojure, Erlang, or C(++)
- Fitted to dissect, interpret, and present data with Python, MySQL, and Tableau
- Acquainted with presentable front-end software designing via HTML, CSS, JavaScript, and Figma
- Perceptive in cybersecurity concepts and practices

Experience

Warehouse Associate

Aug. 2022-Dec. 2022

Scrapbook.com

Gilbert, Arizona

- Handled online orders from up to a rate of 3500 in a day with speed and care
- Picked and scanned items off warehouse shelves to prepare for packing
- Packed orders into boxes for shipping efficiently and securely