Andrew Benchley Leland

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Education

BS Computer Science | BYU-Idaho | Rexburg, ID USA — April 2021 - December 2024

GPA 3.85

- Awarded the Ricks Grant Scholarship.
- Received Computer Programming Certificate - DEC. 14, 2022.
- Networked amongst peers in Data Science Society.

Work Experience

Computer Science Intern | *Hill Air-force Base* | Hill AFB, UT — July 2023 - December 2023

Internship at 309th Software Engineering Group for the USAF

- Received Secret Clearance – OCT. 2023.
- Collaborated with a brilliant group of highly skilled software engineers to design and manage a C++ project.
- Employed Git and GitLab with a team by resolving merge conflicts and communicating when pushing to the branch.

Tutor C# and C++ | *Brigham Young University - Idaho* | Rexburg, ID — January 2023 - July 2023

School position where students assist classmates

- Taught C# and C++ to peers, whilst keeping contact with professors.

Team Lead/Regional Account Manager | *OptimalShip* | Rexburg, ID — February 2022 - October 2022

Shipping company that primarily ships overseas

- Trained and led a team of individuals on various areas of a company and what is expected from an employee.
- Held team meetings to set goals and report on accomplishments and improvements.
- Evaluated new hires for interviews and various other tasks.

Volunteer | *The Church of Jesus Christ of Latter-Day Saints* | Denmark — February 2019 - February 2021

Full-time representative for a church organization for 2 years

- Led a team of volunteers in Denmark to learn Danish and give informative meetings on our church.

Projects

3D Graphical Simulation | *C/C++, VS Code, Linux, Cmake* | Hill AFB, UT — July 2023 - Present

- Implemented low-level OpenGL and abstracted functionality.
- Established a Multithreaded Client-Server Network utilizing the Transmission Control Protocol.
- Demonstrated effective, collaborative problem-solving abilities with our team.

Machine Learning Model | *Python, Google Collab, Windows* | Rexburg, ID — January 2022 - February 2022

- Programmed a model using Google's Tensor Flow library to predicting housing prices in Northern Washington.

Database Design | SQL, *MySQL, Windows* | Rexburg, ID — January 2023 – February 2023

- Programmed and organized data inside a relational database using proper technique.

Physics Demonstration | *C/C++, Visual Studio, Windows* | Rexburg, ID — December 2022 - Present

- Constructed a highly detailed visual demonstration of physics that expresses cleverness and creativity.

New York Times Digit Solver | *Python, VS Code, Windows* | Rexburg, ID — May 2023 - May 2023

- Created a compact program that involves advanced recursion to solve every possibility to Digits: A Daily Puzzle.

Chess | *C#, Visual Studio, Windows* | Rexburg, ID — September 2022 - November 2022

- Coded chess entirely in C# using object-oriented design principles.

Longitude-Latitude Locator | *Python, VS Code, Windows* | Rexburg, ID — January 2022 - February 2022

- Teamed with a partner to design a program that plots the international space station in real-time.