Jonathan Wyatt Pilling

801-657-6294 | JonathanPilling77@gmail.com | github.com/Goldenratioboy

TECHNICAL SKILLS

- Languages: C#, C, C++ (Graphics), Python (Algorithms/Data Analysis), Java, MIPS/x86, Verilog, R, MySQL
- Programs: Visual Studio, ISE Xilinx/Intel Quartus

WORK EXPERIENCE

Chart Logic   Salt Lake City, UT
Software QA Intern   *June 2019 – Present*

- Responsible for testing software (Functional, Regression, Back-End) and automating tests in Visual Studio using Selenium with C#.
- Git and JIRA for maintaining automation tests and tracking issues.
- Working in an agile environment, demonstrated excellent communication skills, both verbal and written.

Huntsman Cancer Institute   Salt Lake City, UT
Information Desk/Patient Transporter   *January 2016 – August 2019*

- Responsible for managing the information desk and safely transporting patients.
- Responsible for solely running the department nights/weekends, prioritizing issues, and assessing situations to make correct decisions.

Coda Octopus Group Inc.   Murray, UT
Engineering Intern   *October 2018 – April 2019*

- Demonstrated strong analytical and critical thinking skills while testing software and hardware.
- Exhibited attention to detail, assisted in writing/updating technical documentation.
- For a particular PCBA, modified PuTTY solution to cut testing time by 30 seconds per assembly.

PROJECTS

Computer Engineering Senior Project   Salt Lake City, UT
Wireless Mesh Audio System   *August 2019 – December 2019*

- Developed, with a team, a wireless mesh solution for broadcasting audio data between speakers of different brands.
- Wireless mesh software was written in C using the ESP32 framework.

Database Systems   Salt Lake City, UT
Learning Management System   *January 2019 – April 2019*

- Starting with design of an entity-relationship diagram, created a database in MySQL to implement a learning management system.
- Created a GUI to communicate with the database via LINQ queries in C#.

Software Practice   Salt Lake City, UT
Boggle Game   *January 2017 – April 2017*

- With a team, implemented an online game in C# using client-server model.
- Implemented RESTful Architecture to handle all requests and an SQL database to store information.

Hack the U   Salt Lake City, UT
Hack to Save Homeless Pets – 1st Place   *Oct 2016*

- Developed, with a team, an application that allowed users to report lost pets.

EDUCATION

University of Utah   Salt Lake City, UT
Bachelor of Science in Computer Engineering   *January 2017 – December 2019*

- Dean's List

Salt Lake Community College   Salt Lake City, UT
Transfer Degree, Computer Engineering   *May 2014 – December 2016*

- Dean's List

HOBBIES

- Play drums in successful local bands, competitive Super Smash Bros. Player, car enthusiast.