

Ryan Clayton

South Jordan, UT | ryan.clayton@me.com

Summary

Skilled software developer with experience in application development and maintenance. Proficient in various programming languages, strong OOP knowledge. Adept at fast-paced environments, technology adaptation and cross-functional collaboration. Committed to delivering efficient and user-friendly software solutions.

Skills

Programming Languages: Java, C++, PHP, JavaScript, Python, and Dart (Flutter)

Tools / Platforms: JetBrains Products, Xcode, VS Code, WordPress, Android Studio, Rest APIs, Git, SQL, and AWS

Education

University of Utah | Salt Lake City, Utah

Master of Software Development | 12/2022

Completed courses in computer systems, networking & security, data structures & algorithms, computer science, and app development. Notable Projects:

- A Java HTTP server to host a multi-platform online chat server. Also developed a web browser and Android app which enables users to connect to the server.
- A simple DNS resolver that takes in a DNS request, then the resolver decodes, finds an answer, re-encodes, and responds with an answered response.
- **Capstone Project:** A Flutter multi-platform messaging and course enrollment application. This application utilizes AWS Amplify for cloud synchronization and Apple TestFlight for testing and App Store approval.

Graduate Certificates: Software Development Programming and Software Development Systems and Data

Experience

University of Utah - School of Computing | Utah, Salt Lake City

Web Developer | 05/2022 - 02/2023

- Lead the revamp of The School of Computing's website, modernizing its UI and improving the user experience for prospective students.
- Implemented webmaster and analytics tools to track site traffic and provide valuable insights for school administration in attracting new student enrollees.
- Successfully increased website traffic and engagement, contributing to a higher number of prospective students inquiring about admission to the school.

Zions Bank | Utah, Salt Lake City

Communications Officer | 03/2019 - 01/2020

- Developed digital content to enhance internal and external engagement. Crafted visually appealing graphics and videos for social media, blogs, email campaigns, and other communication platforms, effectively captivating the target audience.

ConsultNet/Informatech | Utah, Salt Lake City

Contract Software Developer | 08/2014 - 09/2018

- Partnered with Zions Bancorporation to enhance various components of their internal websites.
- Key achievements in designing and managing interactive forms for employee data input and enhancing site security to prevent potential threats.
- Utilized analytics tools to monitor site traffic and user interaction for continuous improvement.

PixelChef Media

Freelance Software Developer | 08/2014 - Present

- Assisted small businesses in improving their sales and client engagement through tailored software solutions.
- Offered expertise in the design, development, and deployment of custom websites, mobile applications, content management systems, e-commerce systems, and social media campaigns.

