Jacob Hawks

Software Engineer

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Experience

MysticNetworking
- A complete TCP/UDP networking solution built in C#, consisting of software suites which manage server-client interactions and provide structure for creating low-level packets.

GopValues
- A reddit clone with a focus on political discussions.
- Utilized Git, Postman, RavenDB, ASP.NET Core, and Vue with Vuex.

FETCH - Data Collection and Monitoring
- A data collection and monitoring system for the data distribution infrastructure of a mid-sized ISP.
- Utilized Docker, Ubuntu Server, Telegraf, Clickhouse, and Grafana.

Retinal Roaster
- A device capable of locating and guiding a laser to human eyes in camera view.
- Raspberry Pi as the main processor. Servomotors for horizontal and vertical interactors. PiCamera to capture video input.
- Utilized Python and OpenCV.

MindFire Technology   Layton, Utah
Jr. Developer   October 2019 - April 2020

   Worked with many tech stacks on several different projects, with a focus on fullstack development.

Echo Broadband   North Salt Lake, Utah
Jr. DevOps   March 2019 - August 2019

   Developed any software needed, including a website and a data collection and monitor system for their data distribution infrastructure.

Davis Technical College   Kaysville, Utah
Software Engineering, GPA: 3.94

   Learned about computer hardware, networking, web development basics, object-oriented languages such as Java and C#, databases, algorithms and data structures. Worked on several useful projects such as a book checkout application and an application that assists in building classes on Instructure's Canvas.

Technical Skills

Frontend - HTML5, CSS3, JS, React, Vue
Backend - NodeJs, ExpressJS, ASP.Net Core, PHP
General Use - C#, Java, JS
Databases - SQL, RavenDB
Version Control - Git