Isaiah Haley

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🎓 Education

University of Colorado-Denver   2017 – 2021
BS Computer Science   *Denver, Colorado*

> Dean's List, Spring 2020, Fall 2020, and Spring 2021.
> Cumulative GPA: 3.408
> Key Courses include: Embedded Systems Programming and Design, Web API's, Web Application Development, Operating Systems Concepts, Parallel and Distributed Systems, Cybersecurity, Data Science, Unix Systems

⚗ Projects

Plantum
* Deveolped a cross platform app in C#/.Net utilizing Blazor and MAUI to interface with a REST API written in Python utilizing the Flask framework.
* Created a camera utilizing an esp32 that takes photos of plants on a regular basis and uploads them to a NAS using the REST api.
* Uses a mongoDB database to store data.
* Tracks plant growth, hours of light, and watering history. Can also create time lapses of plant growth

Stayin' Alive CPR Training App

* Project Page
* Created an iOS app to help teach users CPR
* Collaborated with a medical doctor to implement features useful for learning in a medical environment
* Used Xamarin to help facilitate cross platform development in future app versions.
* Implemented an MQTT connection to communicate with a sensor developed by another team.
* Overall winner of the Engineering Capstone Expo-CU Denver, Spring 2021

🥧 Experience

Software Developer   November 2021–Present
Covius Services   *Glendale, Colorado*

* Supports existing desktop applications critical to daily business operations, including developing new features at the request of the end user and fixing issues in a timely manner as they are identified.
* Works with the business users to develop desktop applications in C#/.NET and Python that streamline business operations and reduce ineffecencies in existing processes.
* Created a collection of tools using C#/.NET and SQL Server to help the Billing Team create, track, and deliver invoices reliably.

Coding With Kids   September 2019–March 2020
Instructor II   *Denver, Colorado*
* Instructed students with introductory coding and animation techniques, while effectively managing a classroom environment, and communicating with parents about topics covered in the course

⚙ Technical Skills

Languages   Java, Python, C++, C#/.Net, Javascript/HTML/CSS, SQL Server
Frameworks and Libraries   Vue.js, Express.js, Node.js, Xamarin, Flask
Tools & Other Skills   Jupyter, Git, Linux, mongoDB