Roderick Hollingsworth

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WORK EXPERIENCE

Open Source   **Remote**
Software Engineer   *Nov 2020 – Present*
 • Design, implement and operate scalable services from users services, data graphs and core layers
 • Implement SQL database to gather data to store in a accessible, secure and ACID compliant manner
 • Experience operating backend services, distributed systems and cloud-based infrastructure
 • Understanding of Machine Learning and Natural Language Processing tools
Groovy Junk (start-up)   *Jan 2020 – Present*
 • Developed and maintaining the company's website that tracks client/company information & requests

Upwork   **Remote**
Software Engineering Intern   *May 2021 – Aug 2021*
 • Responsible for designing databases and ensuring their stability, reliability, and performance
 • Architected and implemented RESTful APIs using Node.js, connecting to MySQL & SQLite databases
 • Collaborated across teams to understand product requirements, evaluate trade-offs, and deliver the solutions needed to build innovative products

HSS / Denver Health   **Denver, CO**
Master Security Officer(MSO)   *Aug 2019 – Jan 2021*
 • Monitor 1000+ hospital rooms to detect and prevent signs of potential threat and ensure security
 • Operated over 50 surveillance cameras to monitor interior and exterior areas
 • Lead and trained 30 security personnel on physical defense tactics and hospital SOPs

PROJECTS

Discord ChatBot   JAN 2022
 • Gathered dialogue data from MCU films to create chatbot that uses Captain America's lines
 • Stored with SQL, deployed with Replit & UptimeRobot to ensure bot runs 24/7 & written in Python
A.I. Virtual Assistant   JUN 2021
 • Inspired by Marvel's 'Jarvis', a virtual assistant that solves problems to achieve a specific goal
 • Uses Artificial Intelligence to match user text/speech input to executable commands
Twitter Clone   OCT 2021
 • Recreated main front-end feed of twitter.com using ReactJS, Twitter API & Firebase FirestoreDB
 • Implemented realtime database to read/upload/delete tweets for authenticated users

EDUCATION

Metropolitan State University Denver   **May 2018**
B.S. Aerospace and Aviation Sciences (Incomplete)   *GPA: 3.24/4*

Coursera: A.I. & M.L. w/ Python, Development w/ Javascript & Python, Web Development

SKILLS & INTERESTS

Languages: HTML, CSS, Dart, JavaScript, SQL, Python, Objective-C, Git
Other: Django, React, Node.js, MongoDB, Mongoose, D3.js, AWS, Google Cloud, Firebase
Interests: Travel, Fitness, Gaming, Anime, Nature, Space, Self-Sufficient/Renewable Energy