

# Roderick Hollingsworth

[Portfolio](#) | [LinkedIn](#) | [github.rhollingsworth.com](https://github.com/rhollingsworth) | [rhollingsworth1997@gmail.com](mailto:rhollingsworth1997@gmail.com)

## WORK EXPERIENCE

---

### Open Source

#### Software Engineer

- Create dynamic full-stack websites in JavaScript, ReactJS, Python & Django
- Develop backend apps with Node.js, Express, Firestore and microservices with MongoDB/Mongoose
- Experience in building data pipelines to serve reporting needs using SQL and D3.js
- Advocate for/apply best practices to availability, scalability, operational excellence, and cost management

#### Groovy Junk (start-up)

- Developed and maintaining the company's database that tracks client/company information

### Upwork

#### Software Engineering Intern

- 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

#### Master Security Officer(MSO)

- 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](#)

- 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](#)

- 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](#)

- Recreated main front-end feed of [twitter.com](https://twitter.com) using ReactJS, Twitter API & Firebase FirestoreDB
- Implemented realtime database to read/upload/delete tweets if user is authenticated

## EDUCATION

---

### Metropolitan State University Denver

B.S. Aerospace and Aviation Sciences

May 2018

GPA: 3.24/4

## 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, Weight Lifting, Gaming, Anime, Nature, Space, Self-Sufficient/Renewable Energy