

Harrison Henley

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Education

San Diego State University

BS, Information Systems - GPA 3.94

Minor: Computer Science

Select Courses - Advanced Programming Languages (CS420) and Algorithms (CS460)

2023 - Present

San Diego, California

Grossmont College

AS, Science & Quantitative Reasoning - GPA 3.9

2020 - 2022

San Diego, California

Projects

- Developed a machine learning program using Pandas and Scikit-learn to predict Kickstarter Project outcomes, showcasing adept data manipulation skills and expertise in model development. Achieved exceptional accuracy with a Neural Network model, underscoring proficiency in advanced machine learning techniques.
- Designed a Python program to fetch real-time earthquake data from the USGS API, demonstrating adept API integration skills and employing data processing techniques for extraction and enhancement. Integrated the OpenCage Geocoding API to enrich location data, generated user-friendly outputs, and created a comprehensive CSV dataset, showcasing strong data handling and storage capabilities.

Work Experience

Systems Analyst

Sayres and Associates

May 2020 – Present

San Diego, California

- Crafted a Python script for systematic analysis of spreadsheets across multiple ships, effectively identifying recurring issues and enhancing problem-solving efficiency, while also analyzing over 70 reports per ship provided by engineers to capture critical issues.
- Lead 20 System and Network Engineers for Systems Operability Tests onboard 65 US Naval Ships to ensure flawless functionality across all computer and network systems

Network Engineer

Sayres and Associates

Aug 2019 – May 2020

San Diego, California

- Devoted over 100 hours troubleshooting, installing, and reconfiguring two network critical switches and rebuilt the proxy server (Microsoft TMG), returning the network to fully operational
- Installed and rebuilt virtual machines by connecting and configuring hardware/software with network functionality
- Configured, managed, monitored, and troubleshot, Windows servers, Linux servers, Cisco switches and routers, SharePoint, internal websites, and PowerShell scripts

Information Technology Specialist

United States Navy

Oct 2013 – Aug 2019

San Diego, California

- Lead Consolidated Afloat Network Enterprise Services (CANES) Administrator with direct, hands-on role in tech refreshes, rebuilding various virtual machines, and troubleshooting various systems and equipment
- Maintained and configured Cisco Routers, Switches, Wireless Access Points, and Firewalls, ensuring 300+ end users experience uninterrupted access, and limiting device communications to only approved necessary processes

Technologies and Languages

Programming languages: Python, JavaScript, MySQL

Clearance: **Top Secret**

Certificates: CompTIA Sec+/Linux+/A+, ManTech HBSS Certified Basic & Advanced

[Projects \(Github\)](#): Comprehensive Documentation and Source Code for Projects Mentioned Above