

# DEVAN HEDGLIN

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## EDUCATION

California State University Chico  
Bachelor of Science in Computer Science

May 2021  
Major GPA 3.8

## TECHNICAL SKILLS

**Languages:** C, C++, Python, YAML, JavaScript, Go, Solidity, KQL, Java

**Frameworks/Databases:** Node.js, Ansible, Express.js, Django, React, Ethereum, Smart Contracts, MongoDB, MySQL, Ethers

**Concepts:** Full Stack Development, REST APIs, Asynchronous Programming, Database ER Models, UDP, TCP, HTTP, Sockets, TLS, Blockchain, Agile, Scrum, JSON

**Tools:** Microsoft Azure, Azure DevOps Pipelines, Unix/Linux/RedHat, VSCode, Docker, Git, GitHub, Postman, Hardhat, Tenderly

## WORK EXPERIENCE

Cloud Engineer - Chevron (San Ramon, CA | Remote)

August 2021 - Present

**DevOps | Python | Microsoft Azure | Ansible | SQL | RedHat Linux | Agile | Bash | Docker | Grafana | REST API**

- Developed, tested, and deployed applications using Python, Ansible, and Azure DevOps Pipelines to automate the configuration and hardening of over 1000 Linux virtual machines to comply with security standards.
- Improved operational management/Security compliance by automating tasks that are usually labor-intensive and time-consuming, saving the company 100s of hours and mitigating the risk of non-compliant machines
- Prevented production level outages by quickly developing, testing, and deploying scripts to remediate the Log4j Vulnerability on virtual machines across the organization in under a week from the zero-day date.
- Improved security compliance by creating/testing hardened Linux images and docker images, resulting in a standardized compliant template for deploying virtual machines across the organization.
- Designed and developed virtual machine compliance monitoring software which stores records in a SQL database and displays results on a Grafana dashboard, improving visibility of security issues for management.
- Assist application owners with vm configuration and maintenance
- Hybrid cloud environment
- Write not what you did, what you achieved.
- Deployed production environments using IAC

Information Services Intern - Enloe Medical Center (Chico, CA)

November 2019 - August 2021

**PowerShell | Veeam | Configuration Manager | Active Directory**

- Troubleshoot and resolved various PC technical issues for healthcare workers across the hospital
- Designed and developed PowerShell scripts to ensure the uniform configuration of specific PC peripherals
- Deployed automation scripts, reducing the amount of time spent fixing common configuration issues
- Developed and utilized PowerShell scripts to remotely update 100s of printers to fix a security vulnerability with HP's firmware. This resulted in the project taking less than 2 weeks to complete rather than the projected 2-month deadline

## Personal Projects

Ethereum NFT Arbitrage Bot - (Private)

An application built to monitor, capitalize, and profit off price discrepancies of NFTs across different decentralized marketplaces.

**JavaScript | Node.js | Redis | Solidity | Smart Contracts | Blockchain | REST | Webhooks | Ubuntu Linux | Digital Ocean**

- Utilized various NFT marketplace APIs and JavaScript to consume, parse, and simulate profitability for over 26 million marketplace listings/offers per day in real time
- Designed, implemented, and deployed smart contracts using solidity, leveraging these smart contracts to buy and sell the NFT in a single transaction, preventing any chance of loss.
- Optimized for speed, latency, multiple processes, channels

Portfolio - <https://github.com/ChicoState/Portfolio>

**JavaScript | React | Node.js | Express | MongoDB | Docker | Npm | JWT | Bootstrap**

A social media website for aspiring creatives to share their work and collaborate with others

- Built using the MERN Stack (MongoDB, ExpressJS, React, NodeJS)
- Utilizes Docker containers for dependency control and seamless cloud deployment
- Designed and implemented a database model that allows for sharing of content in various media types
- Utilizes JWT (JSON Web Tokens) to securely authenticate users and store their data

### **12VoltTattoo - <https://github.com/dlhedglin/CINS465-final-project>**

*A web application built for a local tattoo shop that allowed customers to schedule appointments and tattoo artists to share their work*

**Python | Django | Sqlite | SMTP | Bootstrap | ORM | Docker | Nginx**

- Built using Python, Django web Framework, and Docker for seamless cloud deployment
- Features an admin control panel that allows the shop owner to add new employee profiles with ease
- Designed a database model that allows artists to display contact information and share images of their recent tattoos
- Integrates an internal email service (SMTP) that allows customers to contact and send images of tattoos to tattoo artists

### **Twitter Giveaway Bot**

*Become the luckiest person on Twitter by automatically entering 100s of giveaways, winning several times a day, and receiving prizes such as Shirts, Gift Cards, Signed books, and Concert tickets.*

**Python | Selenium | Twitter API | Web Scraping | Tweepy**

- Quickly developed using python and the selenium web automation framework
- Designed and developed algorithms to parse large amounts of tweets and determine which tweets are giveaways
- Utilized the Twitter API, Selenium, and Web scraping to automatically enter 100s of giveaways daily
- Resulted in winning several giveaways a day, often winning prizes such as T-shirts and Gift Cards

### **Locals Only - <https://github.com/dlhedglin/local-discussion-board>**

**Flutter | Dart | Firebase | Geolocation | Android**

*A mobile application that allows you anonymously to post and interact with people in your local area using your phone's GPS.*

- Built using Flutter/Dart and Firebase
- Designed a database model in Firebase to store anonymous user posts consisting of text and images
- Dynamically displays posts within a 10-mile radius by utilizing your phone's Geolocation and Flutter's UI Framework