

LANE HENSLEE

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PROFESSIONAL SUMMARY

A highly motivated and dedicated computer science professional, consistently delivering exceptional results that exceed expectations on every project undertaken. With a proven track record of success in designing and developing innovative solutions, there is a deep passion for exploring the latest trends and technologies within the field. Whether working independently or as part of a team, expertise leads to excellence; always eager to take on new challenges and push the boundaries of what is possible in computer science.

SKILLS

- API design & integration
- Full stack solutions
- Network development and administration
- C++, C, MQL, Rust, Java, Solidity, Python, JS, HTML, CSS
- React, Next.js, Svelte, Django
- Pandas, Numpy, Pytorch, Selenium, Regex, Truffle
- Git, AWS, Azure, Postgres, Mysql, Vercel
- Quick to learn new programming languages & frameworks
- Clear communication skills
- Creative problem solving abilities

EDUCATION

Computer Science - Bachelor of Science
University of Tennessee, Knoxville

2021
Knoxville, TN

WORK HISTORY

Founder
Hygo, LLC

March, 2022 to Present
Austin, TX

- Built algorithmic crypto trading bots using Python, programming cryptocurrency trades with Kucoin, OKX, and web3 APIs.
- Developed trading data analysis and trading strategies to automate trades in the foreign exchange with MQL4.
- Created an algorithm to manage Spotify playlists demonstrating web skills and an ability work with APIs.
- Completed contract involving Discord bots, showcasing an understanding of bot development and integration with platforms.
- Managed backend and devops as a contractor, highlighting experience in server management maintenance.
- Created a Java Discord bot with Selenium, delivering live forex market data for traders' insights.
- Engineered a secure licensing system for a trading bot, ensuring authorized access and data protection.
- Developed complex Solidity smart contracts using Truffle, rigorously tested for robustness and security.

Software Developer
AeroVironment, Inc.

May, 2021 to December, 2021
Petaluma, CA

- Built a comprehensive system tracking inventory managing data RFID scanners.
- Integrated RFID technology into the company's existing inventory management.
- Developed custom software to automate data collection and streamline the inventory management process.
- Collaborated with-functional teams ensure seamless integration of the new system and minimize disruption to operations.

Intern
Arcturus UAV

December, 2018 to May, 2021
Petaluma, CA

- Created flight analysis tools and scheduling software with Python.
- Collaborated with team members to deliver software on time.
- Conducted quality assurance testing to ensure high-quality software performance.
- Work with clients to identify and address their specific needs and requirements.
- Provided technical support and assistance to clients and team members.