**Justin Stephens**
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## Skills

**Programming:** Java • JavaScript • Go • Solidity • Python • C++ • C • HTML • CSS • SQL • React

**Tech:** Docker • InfluxDB • Kubernetes • Remix • Ganache • VSCode • Eclipse • LaTeX • MS Office

## Education

**Bachelor of Science in Computer Science,** University of South Alabama, **CGPA: 3.6/4.0**

**Relevant Coursework:** Object-Oriented Programming, Adv Data Structures & Algorithms, Secure Software Engineering, Form Lang – Automata Theory, Cyber-Physical Security

## Professional Experience

**University of South Alabama, Mobile, AL**
Student Assistant, September-December 2021

- Restored existing data, consisting of 20 databases, from a shard into a local InfluxDB server
- Built Python scripts to query and extract data from a local InfluxDB server
- Developed 4 malicious Virtual Machine hosts to monitor the benign behavior (Distributed Denial of Service (DDoS) attack, The Kubernetes exploit, an OpenSSL attack, and a Ransomware attack)
- Developed Machine Learning and Deep Learning algorithms for classification and anomaly detection

## Projects

**Decentralized Bot for Crypto Trading**
Coursework: Semester long project, Fall 2021

- Led a team of 11: Organized meetings, delegated tasks, assisted teammates debug, etc.
- Worked closely with a sub team of 3 that focused on creating an oracle to interact with the Ethereum main net
- Utilized Web3 Python library to query APIs for crypto price information
- Wrote a machine learning script to predict whether to buy or sell a certain cryptocurrency
- Developed a Solidity smart contract to pass information to the front-end
- Obtained a solid understanding of blockchain technology and integration between various programming languages
- Used: **Solidity, Python, HTML, Ganache, Remix**

## Personal Development

**Barista:** Enthusiastic work ethic while working in both team-based and independent capacities
**DECA:** Competed at state and national levels which developed leadership and interpersonal communication skills
**Volunteer Experience:** Community events, nursing homes, clubs, and tutoring