Jordan C. Stone

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Education

Washington University in St. Louis   St. Louis, MO
School of Engineering & Applied Science   May 2022
Bachelor of Science in Computer Science with a Minor in Mathematics

- **GPA:** 3.5/4.0
- **Select Courses:** Rapid Prototype Dev, Web Dev, Object-Oriented Design, Data Science, Mobile App Dev, Cloud Computing, Intro to Visualizations, Linear Algebra

Experience

AT&T, Dallas, TX   June 2022 - Present
Software Engineer

- Key developer in the modernization and migration of the legacy application to Azure, saving $1M/year
  - Led Java development and migration of 4 APIs to Azure, capable of handling 200 TPS
  - Implemented client authorization using Azure Key Vault for improved data security
  - Enabled comprehensive logging for troubleshooting, error tracking, and improved system performance
  - Provided manual blocking/congestion support for specific APIs, allowing for targeted transaction control
- Created a Power BI report to track ROI on $115M capital investment, achieving a 35% reduction in network outages
- Developed a Python script for detecting sensitive data in internal DBs for honorable mention in company hackathon

UBS, New York City, NY   June 2021 - August 2021
Global Markets Quant Trading Summer Analyst

- Developed React.js webpage that allows traders to generate client TCA reports by entering account name and dates
- Created a Python dashboard using Dash to provide visualizations of intraday and historical trading data
- Compiled report using multiple models to predict per-client PnL based on historical data and trading strategies

Center for Advanced Vehicular Systems, **Mississippi State University**   June 2020 - August 2020
Summer Intern

- Created Abaqus FEA Python plug-in that allows user to edit material properties through Abaqus GUI instead of editing custom input files, reducing user set-up time by several hours

Projects (*https://jordanstoneportfolio.com*)

AI Newsletter App, *Python, Flask, Next.js, HTML, CSS, OpenAI API*

- Delivered a fully automated daily email newsletter that provides users with a curated summary of the latest news around the world
- Fetches news articles from various sources using external news APIs and summarizes them and leverages OpenAI to generate a comprehensive and engaging newsletter
- Deployed the application on an AWS EC2 instance with a Docker container for scalable infrastructure

Ethereum Money Pool Website, *Javascript, Next.js, Solidity, HTML, CSS*

- Developed a decentralized Ethereum Money Pool platform utilizing smart contracts to facilitate transactions
- Enabled users to create custom money pools, inviting participants by adding their wallet addresses
- Implemented a random selection algorithm to determine the winner, who receives the entire pool amount

Computer Science Forum Website, *Laravel, PHP, MySQL, JavaScript, HTML, CSS, Bootstrap*

- Built a full-stack website for asking CS-related questions
- Supports image uploading, CRUD operations, pagination, and user authentication

Skills, Affiliations, & Interests

Skills: Java, Python, JavaScript, React, HTML, PHP, CSS, C++, SQL, Docker, Kubernetes, Swift, Flutter/Dart
Affiliations: Floodgate Reactor Program, SEO Career, Alpha Kappa Psi, ColorStack
Interests: Machine Learning, Quant Finance, Basketball, Fitness, Music, Smart Contracts