

Jordan C. Stone

jordans2299@gmail.com | jestone@wustl.edu

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

Experience

AT&T

July 2022 - Present

Dallas, TX

Software Engineer (Fullstack / iOS)

- Owned and shipped production features for an internal iOS application used by **thousands of field technicians**, driving an estimated **\$5M in annual cost savings**
- Built a critical workflow that prevents technicians from closing tickets unless customer devices are fully updated, **reducing follow-up visits by ~30%** and saving thousands of dollars annually
- Revamped the Swift application to use the @Observable macro to reduce UI reloads and migrated much of the heavy computation to the server, lowering iOS workload and **cutting crashes by ~50%**
- Implemented iOS app notifications to alert technicians of potential outages and hazards, improving efficiency and coordination between managers and technicians in the field
- Played a key role in modernizing a legacy backend platform and migrating services to Azure, contributing to **\$1M+ in annual infrastructure savings**
- Led Java development and migration of 4 production APIs **handling up to 200 TPS**, improving reliability and scalability
- Built manual congestion and blocking controls for critical APIs, enabling targeted throttling and incident mitigation during peak load

UBS

June 2021 - August 2021

New York City, NY

Quant Trading Summer Analyst

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

Projects (<https://jordanstoneportfolio.com>)

Arbiter iOS App, *Swift, SwiftUI, Firebase, MLX, Llama.cpp*

- **Designed, built, and shipped** a privacy-first AI chat application for iOS in **~3 months**, enabling **fully offline, on-device inference** with no data leaving the device
- Launched on the **Apple App Store** and reached **1,000+ downloads within the first 2 months**
- Built a **real-time local search pipeline** to augment on-device generation with up-to-date information from the web
- Implemented support for reasoning models, vision models, and file analysis, utilizing the **MLX framework** and a Swift wrapper around **Llama.cpp** to run quantized LLMs on iOS devices
- Addressed mobile constraints, including **memory limits and background execution limits**, which vary based on the user's device specs, to create a more seamless user experience

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

- Delivered a fully automated daily email newsletter that provides a summary of the latest news around the world

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

- Built a decentralized Ethereum money pool platform using smart contracts to manage pooled funds and payouts

Skills

Swift, SwiftUI, Java, Python, JavaScript/TypeScript, CSS, HTML