DANIEL S. SALIB

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EDUCATION

University of Pennsylvania | Philadelphia, Pennsylvania   *May 2020*
School of Engineering and Applied Sciences, Master of Science in Engineering in Data Science
- Relevant Coursework: Big Data Analytics, Modern Data Mining, Databases, Computer Vision, Internet and Web Systems

The Wharton School, Bachelor of Science in Economics and Minor in Computer Science
- Concentration in Statistics
- Relevant Coursework: Stats Programming in R, Data Structures and Algorithms, Mobile App Dev, Web Development

PROFESSIONAL EXPERIENCE

Siro.ai | siro.ai | New York, New York   *June 2022 - Present*
Software Engineer
- Architected and engineered a search engine for transcripts using GCP and Meilisearch, scaling to handle over 2.5 million recordings and powering search for 20,000 users
- Created an iOS SDK to seamlessly integrate core Siro features into partner apps - released for both iOS and React Native
- Spearheaded the adoption of testing and CI/CD practices across all repositories, resulting in a significant reduction in errors and deployment times
- Conceptualized and launched a management web client using TypeScript and Svelte, which has become a critical offering for customers
- **Tech**: Typescript, Svelte, Swift, Meilisearch, GCP, Firebase

Atlassian | atlassian.com | Mountain View, California   *July 2020 - Present*
Software Engineer II | Developer Tooling - Mobile CI
- Maintain build infrastructure supporting nearly 20,000 mobile builds weekly and >100 mobile engineers
- Designed and implemented per-build macOS runners for Bitbucket Pipelines, utilizing macOS EC2 with Tart, and developed a monitoring solution using Go
- Championed the migration from Intel to Apple Silicon, resulting in a 51% boost in build speeds, annual cost savings of approximately $90,000, and a monthly reduction of nearly 900 hours in developer time
- Develop internal tools for signing management, dependency caching, code quality, building, testing, distribution, and other common mobile CI items
- **Tech**: AWS, Tart, Docker, Python, Go, Ruby, Bash, Terraform, Packer, Ansible, Splunk, SignalFx, Bazel, Gradle

PROJECTS

Camel Events | Los Angeles, California
- Developed a comprehensive white-labeled event app system tailored for retreats and multi-day in-person events
- Flutter app available on both iOS and Android, seamlessly integrated with a SvelteKit-powered management console
- Implemented support for targeted notifications, in-app links, user groups, schedules, Q&A sessions, and voting
- Successfully launched our first retreat with over 300 attendees, receiving overwhelmingly positive feedback
- Tech: Flutter, Firebase, SvelteKit, TypeScript, Dart

Spirit & Truth | spiritandtruth.app | Los Angeles, California
- Created a Flutter app available on iOS and Android with over 14,000 users, serving as a vital education and reference tool for Coptic Orthodox services
- Built a Git-backed, collaborative, multi-language content editor for app content using Svelte, FastAPI, and Kubernetes
- Crafted an over-the-air content delivery system, enabling apps to seamlessly receive and integrate the latest content updates without updates or user intervention
- Tech: Flutter, FastAPI, Svelte, Kubernetes, Docker, Azure, TypeScript, Python, Dart

SKILLS

Skills: Python, Java, TypeScript, Go, Bash, Swift, Dart, Ruby
Technologies: Terraform, Packer, Docker, Ansible, Kubernetes, AWS, Azure, GCP, Svelte, SvelteKit, React, Next.js, Firebase, Flutter, React Native, Cirrus Tart, Splunk, SignalFX, Bazel, Gradle