

Noah Goodman

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EDUCATION

Emory University, Atlanta, GA
Bachelor of Science, Computer Science
Minor, Economics

GPA: 3.7/4.0
Expected May 2027

EXPERIENCE

Machine Learning Research Assistant - MACAI
Saikawa Lab

September 2025 – Present
Atlanta, GA

- Built a Python pipeline to preprocess air-quality data from 5 sites across 6 species, train scikit-learn models to correct low-cost QuantaQ sensors against EPA reference-monitor measurements, and visualize results using Plotnine
- Benchmarked 6 regression models using 5-fold cross-validation; tuned hyperparameters through grid and randomized search, evaluated performance using RMSE, MSE, and R^2 , and presented findings to Atlanta communities

Full-Stack Software Engineer
SOFSET

June 2026 – August 2026
Remote

- Built an admin dashboard for an 8,000+ user email waitlist, integrating referral analytics and downloadable data; validated referrals across 380+ referring users to prevent 115 fraudulent referral awards
- Automated sign-up email workflows by integrating Supabase Edge Functions with Klaviyo

iOS Developer Intern
Pinned Social

February 2026 – May 2026
Remote

- Built a SwiftUI sticker-creation flow using Apple Vision to extract photo subjects on-device
- Implemented real-time friend-status updates with Supabase Realtime and Swift Concurrency, batching updates and closing subscriptions on sign-out

Software Engineer Intern
Soundscape

January 2025 – December 2025
New York City, NY

- Developed and shipped React Native production features through the App Store, collaborating with the founding team to prototype and iterate on product functionality
- Reworked the album-matching service to match hundreds of albums across music services
- Built and deployed a React analytics dashboard with a Django backend deployed on Google App Engine

PROJECTS

Trny | *React Native, Expo Router, Convex, Cloudflare Workers*

September 2026 – Present

- Built a tournament-management app with React Native and Expo Router, supporting tournament creation, result reporting, and live brackets with role-based permissions for cheating prevention and admin moderation
- Automated builds with a CI/CD pipeline through Cloudflare Workers' GitHub integration

EarlyBird | *SwiftUI, TypeScript, Express, MongoDB*

October 2025 – Present

- Built a SwiftUI productivity app for planning and logging morning tasks, with timezone-aware streaks, friend and global leaderboards, infinite scrolling, private profiles with follow requests, and APNs reminders
- Developed a REST API with 25+ endpoints, Auth0 JWT authentication, and MongoDB aggregation pipelines for leaderboard rankings and multi-collection queries

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Swift, Python, C, Java

Frameworks and Libraries: React, React Native, Astro, Tailwind CSS, Node.js, Express, Django, SwiftUI, Apple Vision

Tools & Platforms: Git, GitHub, PostgreSQL, MongoDB, Supabase, Auth0, AWS, Google Cloud, Cloudflare Workers, Convex, Vercel