

Gabriele Scotto di Vettimo

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Education

University of Illinois Urbana-Champaign

Aug 2022 - May 2026

Bachelor of Science in Computer Science

Urbana, IL

- Minor in Economics
- Claude Ambassador for Anthropic, VP of Claude Builder Club
- Skills: SwiftUI, UIKit, TypeScript, React, React Native, C++, Python, Go, Java, gRPC, SQL, MongoDB, AWS

Experience

Ask Lucy

Aug 2025 - Present

Founding Engineer

Urbana, IL

- Created a 24/7 AI travel assistant to help tourists navigate abroad, equipped with useful tools such as searching up current exchange conversion rates and translating text
- Architected entire frontend using React Native, emphasizing satisfying and easy interactions
- Implemented backend routes, using Vercel AI SDK to create a custom LLM workflow complete with tool calls and user context
- Still in pre-launch, yet already generating revenue from 60 paying users

Mastercard

May 2025 - Aug 2025

Software Engineer Intern

St. Louis, MO

- Implemented vital updates to the transaction validator for Mastercard's Transaction Stream, reducing validation errors and supplying key data to business operations teams
- Improved the distributed, multithreaded, event-driven application by leveraging Java, Spring Boot, Spring Data JPA, Mockito, SQL, Axon Framework
- Collaborated with 7 interns to build a comprehensive Dynatrace dashboard, integrating 15+ metrics to monitor performance across 50+ internal apps, and presented the solution to Payment Networks CTO
- Served as Product Manager for a 10-intern team during the Global Intern Innovation Challenge, designing an eco-friendly AI product for SMBs through a pitch deck and interactive Figma prototype

Oracle

May 2024 - Aug 2024

Software Engineer Intern

Redwood City, CA

- Engineered a Go-based load-testing tool for Oracle Cloud Infrastructure (OCI) throttler services, simulating web server traffic via gRPC and capturing performance metrics
- Designed an efficient storage pipeline to serialize and persist 100+ million requests in under 2 GB using binary streaming, allowing for effective throttler service benchmark testing
- Analyzed critical throttler metrics, such as latency and bandwidth, to strengthen service reliability and support internal teams in backend optimization efforts

Projects

Jig (iOS App, React Native)

- Music reviewing app, allowing users to rate and discuss any song or album using Spotify Web API
- 67 downloads, 19 five-star ratings, and 1k+ impressions in the first week of release

Junior Robotics (Nonprofit)

- Planned and built the Junior Robotics website, including coding the web pages and designing a logo
- Produced a comprehensive 5-day Introduction to Web Development course, taught at 6 different low-income and underrepresented middle school classes through virtual lessons

UIUC Bus Tracker (iOS App, React Native)

- Data on 2,000 bus stops – track routes, plan trips, display nearby stops, and notify when buses arrive