

STEFAN BOCANEGRA

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SUMMARY

Technical product builder pursuing dual B.S. degrees in Computer Science & Engineering and Electrical & Computer Engineering, with experience taking enterprise AI software from concept to first customer and building embedded systems end to end.

EXPERIENCE

Chief Product Officer, Entasis, early stage enterprise AI startup | entasis.ai *Jul 2025 - Present*

- Built and launched the company's first product, a live view of how each team's work aligns with strategy, and delivered the demo that secured its first client
- Ran 15+ live demos for enterprise prospects, investors, and executive candidates, advancing 4 companies into continued discussions and 1 to a formal proposal
- Promoted from Founding Engineer to CPO within the first year
- Advise the leadership team on product roadmap, budget, headcount, fundraising, and executive hiring

Project Lead & Instructor, FatRat, AI consulting and development firm *Dec 2025 - Present*

- Designed and taught 8 week AI assisted development curriculum for high school students covering specification first development, Git worktrees, and parallel coding agent workflows
- Led 5 person AI research and prototyping team, hired and onboarded 2 engineers

EDUCATION

Santa Clara University, Santa Clara, CA *Expected Jun 2027*

B.S. Computer Science & Engineering

B.S. Electrical & Computer Engineering

- Senior design (in progress): active antenna tracking system sponsored by Applied Signal & Technology
- Coursework: Embedded Systems, Computer Architecture, Data Structures & Algorithms, Compilers, Digital Signal Processing, Mechatronics

SELECTED PROJECTS

Project StoryBox | github.com/stefanbocane/Project-StoryBox *2026*

- Designed and built every layer of the device: C firmware in ESP-IDF on ESP32-S3 driving an NFC reader, microphone, speaker, and LED ring, with a Python FastAPI backend that writes and narrates each story
- Won 3rd Place and Audience Choice at the SCU Ciocca Pitchathon, pitching solo against multi person teams and earning \$600 in non dilutive funding on a bill of materials under \$25

FitnessLM | SwiftUI, SwiftData, on device LLM | in TestFlight beta *2026*

- Released an iPhone workout app with workout logging, training programs, a social feed, a food log, and a built in AI coach provided at no cost as an alternative to subscription coaching services
- Runs the coach entirely on device: a local Gemma model decoding roughly 35 tokens per second on an iPhone 16 Pro, with retrieval over reference coaching material, keeping all user data on the phone
- Designed the social features to encourage consistency rather than pressure: friends share workouts in a feed, rest timers convert into minigames, and missed day tracking never penalizes a new user for days before joining

LEADERSHIP

Scholarship Chair, Sigma Chi Fraternity *Apr 2023 - Present*

- Launched a study resource site and alumni matching network that indexed 330+ alumni and keyword matched profiles to 100+ members by industry and skills

SKILLS

Product: roadmapping, scoping, user research, customer demos

Languages: TypeScript, Python, C, Verilog

Technologies: React, FastAPI, PostgreSQL, Supabase, Vercel, Git

Hardware & Lab: ESP32-S3, ESP-IDF, LTSpice, oscilloscopes, logic analyzers

AI Development: Claude Code, Codex, spec driven development, multi agent workflows, RAG