

Ben Hanan

Carlsbad, CA | 760.338.1834 | benhanan404@gmail.com | www.benhanan.com

SUMMARY

Entrepreneurial computer engineer (4.0 GPA) with diverse technical experience spanning the design of custom pin electronics to cloud-native AI systems. Background includes founding an award-winning AI startup, designing AI agents for private clients, and modernizing enterprise software capabilities for the U.S. Intelligence Community. Seeking to leverage technical expertise in a business-focused role to bridge the gap between complex technology and strategic value.

EDUCATION

Purdue University - West Lafayette, Indiana Graduating May 2026

- Bachelor of Science in Computer Engineering
- Concentrations in Software Engineering, Artificial Intelligence and Machine Learning
- Minor in Economics | Certificate in Applications of Data Science
- 4.0 GPA | Dean's List and Semester Honors: 7 semesters

ETH Zürich - Zürich, Switzerland February – August 2025

- Studied Information Security, Computer Networks, Machine Learning

TECHNICAL SKILLS

- *Computer Languages:* Python, C, C++, SQL, HTML, CSS, React
- *Tools:* Git, PyTorch, Tensorflow, Numpy, Pandas, YOLOv8, Azure Cloud Infrastructure, Google Cloud Platform
- *Skills:* AI/ML, Data Science, Full-Stack Development, Signal Processing, Business Strategy, Process Optimization
- *Certificates:* Bloomberg Market Concepts, Principles and Practices of Blockchain (technical development)

WORK EXPERIENCE

UpLiv, Co-founder and Chief Product Officer April 2025 – present

- Won 'Best Pitch' and \$12,500 from Purdue's New Venture pitch competition
- Directed full-stack development of interactive 3D platform, backend cloud infrastructure, 2D to 3D AI pipeline
- Managed an international development team to build and launch the UpLiv mobile app for capturing spaces

United States Government, Computer Engineering Intern | Top Secret / SCI clearance May – August 2024

- Designed, developed, and characterized the performance of software defined radio systems
- Adapted open-source software framework to replace proprietary enterprise capabilities
- Designed NoSQL data architecture and database system in Python

Tether AI, Independent AI Consultant May – August 2024

- Developed AI Agents in Python with Langchain; integrated with RAG, social media, CRM, Google Cloud
- Devised business model, advertised services, defined client requirements, delivered solution

Analog Test Engines, Test Engineer May – July 2023

- Automated QA and testing processes for chip manufacturing in C++
- Analyzed large-scale data sets in Excel to deliver insights on system performance through reports and visualizations

PROJECTS & INVOLVEMENT

FinSight, Senior Capstone Project - Sentiment analysis of social media, news, data related to stocks Fall 2025

- Web platform using AI to scrape open-source data and calculate real-time sentiment scores for financial analysis
- Integrated a full user ecosystem with profiles, voting, trending metrics, and time-series insights

Naval Surface Warfare Center Artificial Intelligence Maritime Maneuvering Team Fall 2024

- Implemented YOLOv8 computer vision models to enable autonomous navigation for maritime vessels

Ambassador to Elmore Family School of Electrical and Computer Engineering Fall 2024 – present

Purdue Men's Club Water Polo, Big Ten Division All-Conference First Team

Sigma Phi Epsilon Fraternity