Ryan Cunningham

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Technical product leader building and investing in early-stage AI startups, with applied experience scaling systems in seed and Fortune 500 environments.

Experience

SHACK15 Ventures

Co-Founder & Partner // *San Francisco, California, Jan 2024 - Present*

- **Co-founded and scaled AI/deeptech angel fund from 0 to 82 members**, managing ~$100K operating budget
- Syndicated SPVs between $100K - $500K into cutting edge AI, robotics, and semiconductor companies, including HYPR, Fastino, and Positron
- Built agentic automation systems (e.g. n8n, ollama, Crew AI) for fund research, diligence, and deal flow operations across early-stage investment pipeline

AI Fund

Principal Builder // *Palo Alto, California, Jul 2021 - Jan 2024*

- Co-built **9 AI companies alongside Dr. Andrew Ng** in his venture studio, serving as board observer for 7 venture-backed startups including Skyfire, Speechlab, and Rapidfire
- Led studio platform strategy and company building initiatives, partnering with entrepreneurs-in-residence to develop MVPs and go-to-market strategies

Spiketrap

Director of Product // *San Francisco, California, Jun 2020 - Jul 2021*

- Led strategic pivot from social listening to contextual ads enablement, positioning company for successful acquisition by Reddit
- Managed a small team of 5 engineers in development of our large-scale knowledge-graph enhanced NLP and deep learning systems

Uber Technologies

Senior Product Analyst - Jump Mobility // *San Francisco, California, Feb 2019 - Jun 2020*

- Developed Armada data science suite **managing 35,000+ vehicle fleet optimization across 70+ international markets**, via supply positioning and rebalancing operations
- Built ML-based launch city prediction system leveraging custom feature store, accurately forecasting vehicle utilization rates to optimize market expansion strategy
- Architected competitive intelligence platform integrating multiple data sources to track real-time market share across global micromobility networks

Product Strategy - Uber Elevate // *San Francisco, California, Mar 2018 - Mar 2019*

- Led development of Symphony, a patented ML-based acoustic modeling system (US11900818B2) for eVTOL noise prediction, enabling skyport site optimization across Los Angeles, San Francisco, Dallas, Dubai, and Sydney
- Managed our joint FAA Integrated Pilot Program (IPP) for urban UAV food delivery, developing regulatory frameworks and operational requirements for autonomous delivery network

Product Analyst - Uber Eats // *San Francisco, California, Feb 2017 - Mar 2018*

- Spearheaded analysis revealing driver acquisition and incentive spend inefficiencies; **surfaced, rallied, and implemented targeted spend reductions saving $100MM annually while maintaining network stability**
- Built SQL/Python reporting system tracking monthly driver acquisition and incentive spend across 300+ markets
- Authored strategic white paper "How to Build an Autonomous Delivery Network" (2018), establishing internal framework for integrating autonomous vehicles into delivery operations

Credit Suisse Investment Bank

Investment Banking Analyst, Technology Group // *New York, New York, Jul 2014 - Jul 2016*

- Executed $10B+ in M&A and capital markets transactions across internet, blockchain, and payments verticals
- Led financial modeling and due diligence for direct-to-consumer clients, developing VBA automation tools which **accelerated personal efficiency by 10x**

Education

Georgetown University

Bachelors of Science in Business Administration // *Washington, DC, 2014*

- GPA: 3.75 / 4
- Major: Finance, Minor: Economics
- Selected Coursework: Economics of Information, Information Warfare, Chinese Economy

Certifications / Honors

- FINRA Series 65, Issued 2024
- FAA Part 107, Issues 2020
- FINRA Series 79 (Expired 2016)
- Eagle Scout, Issued 2010

Patents

- [US11900818B2](US11900818B2), "Time-varying loudness prediction system", Filed 2019