

Corey Feduck

SUMMARY

Technical founder with 10 years of experience building and deploying production software for enterprise customers. **3x founder (1 acquired)** with a track record of going from customer problem to shipped product. Deep technical creativity, building with Claude code, API, co-work, MCP, custom agents, GPT, Gemini and local models in production, including evaluation pipelines for grading generative model outputs and tracking prompt performance. Deep expertise in computer vision, LLMs/RAG, and NLP. Combines technical depth (Python, JS/TS, ML pipelines) with enterprise sales and delivery experience, having secured \$2M+ in revenue through business development, technical pilot programs and solution architecture for enterprise customers. Committed to responsible AI deployment - building a business where transparency and compliance are the competitive advantage.

TECHNICAL SKILLS

AI/ML	Claude API, MCP agents, custom agents, GPT/Gemini APIs, computer vision, deep learning, LLMs/RAG, NLP, prompt engineering, evaluation frameworks, agent development
Languages	Python (expert), JavaScript/TypeScript, React, SQL
Infrastructure	Cloud GPU clusters, automated data pipelines, GCS, CI/CD, Git, Docker, SaaS/DaaS architecture, photogrammetry and remote sensing, GIS
Customer-Facing	Product discovery, technical demos/pilots, solution architecture, enterprise sales, contract negotiation, customer discovery, product development

PROFESSIONAL EXPERIENCE

Co-Founder & Technical Lead | QuickHome AI

Ventura, CA (Remote) | 2025 – Present

- **Founded AI-first real estate image platform** that transforms any photo into listing-quality images using generative AI; achieved zero to revenue in 2 months
- Built full-stack application (JS/TS frontend, Python CV/image processing backend, cloud CPU workers) integrating Claude API, GPT, and Gemini for automated image analysis, NLP data extraction, and generative image pipelines
- **Built evaluation framework for generative image outputs:** objective grading system for model performance, rejection rate tracking by prompt/enhancement feature to identify underperforming prompts, and systematic quality benchmarking across models
- Designed and deployed human-in-the-loop image processing pipeline for production use, to monitor and improve consistency of generative AI outputs (quality control and automation)
- Built custom Claude agents and MCP integrations for product development workflows; active daily user of Claude code, API, Cowork, and agentic tooling
- Positioned company around real estate photography compliance and transparency-building trust as the core differentiator in an industry navigating AI-generated content concerns

Independent Consultant & Advisor | Self-Employed

Ventura, CA (Remote) | 2025 – Present

- Advise agricultural technology companies on LLM integration, automation use cases, and computer vision implementation; deliver production-ready AI prototypes using LLMs/RAG, CV, and predictive modeling
- Built LLM-powered text attribute extraction from website screenshots with custom audit tooling for systematic error tracking and output validation
- Architected network of automated scraper agents for continuous data gathering and processing
- Build rapid prototypes (web applications, ML pipelines, analytics tools) to address customer problems

Director - Product & Business Development | Ceres AI

Ventura, CA (Remote) | 2021 – 2025

- **Led combined product and business development** for AI-powered aerial imaging platform serving agriculture, insurance, and energy markets across global enterprise customers
- Secured \$2M+ in new revenue through technical solution selling: conducted demos, architected solutions, and negotiated contracts with executive teams at AXA, Zurich, Chubb, Sompo International, Nationwide, and others
- Translated complex AI/ML capabilities (planted acres detection, damage assessment, parametric triggers) into commercial products through extensive customer discovery, technical trials and validation
- Reported to CEO, collaborated with engineering, science, and product teams to validate modeling assumptions and deliver production-ready solutions to enterprise clients
- Built go-to-market motion from zero product to signed contracts; managed full sales cycle from prospecting to commercial contract

Senior Operations Manager, Image Processing | Ceres AI

Oakland, CA | 2019 – 2021

- Scaled 24/7 computer vision image processing pipelines; reduced delivery time by 60% and unit costs by 50–80% through process optimization and automation
- Managed team of 45 analysts; built dashboards, KPIs, SLAs, and OKRs for reliable ML operations at scale
- Implemented automated Python data pipelines for photogrammetric processing of aerial imagery (multispec & thermal)

Technical Project Manager | Ceres AI

Kyiv, Ukraine & Oakland, CA | 2018 – 2019

- Established and managed international image processing/engineering team; coordinated AI/ML projects across US headquarters and offshore teams
- Reduced image processing OPEX by \$500K in year one through automation (\$5M+ cumulative reduction to date)
- Managed cross-functional projects across quality control, annotation, modeling, and engineering teams for hardware-software analytics company

Earlier Roles

GIS & Remote Sensing Analyst | Ceres AI | Oakland, CA | 2017–2018

Automated geospatial data pipelines in Python; supported ML model development for vegetation classification

Founder & CEO | Corvis Aerial (UAV Survey & Analytics) | Calgary, AB | 2017–2019

Built deep learning and CV algorithms for drone data; managed full product lifecycle of UAV mapping systems

Founder & CEO | EasySFOC (UAV Regulatory Compliance) | Vancouver, BC | 2016–2018

Built automated compliance platform; acquired within one year. **Profitable month one, 88% margin.**

Geospatial Technician - UAV Operations | University of Calgary | 2015–2016

Developed ML models on segmented UAV imagery; supervised field crews for data collection

EDUCATION

Post-Graduate Program - AI & Machine Learning for Business Applications

University of Texas at Austin | 2024–2025

Deep learning, transformers, NLP, computer vision, embeddings, semantic search, RAG, classification/regression modeling

Master of Geographic Information Systems

University of Calgary | 2014–2016

Machine learning, computer vision, remote sensing, multispectral and hyperspectral imagery (satellite, UAV, aerial), feature extraction, GIS and Python development

Bachelor of Arts

Saint Mary's University | 2007–2012