



Ethan Sulpizio Estrada

AI Process Engineer | AI Program Lead | M.S. AI in Business

I build custom AI and lead its adoption across a company: agents that act as digital teammates, workflows that take routine work off a team, and dashboards that show what AI is costing and delivering. Each one starts as a real problem someone brings me, and I take it from spec to pilot to everyday use.

EXPERIENCE

Sept 2025 – present

Matthews Real Estate Investment Services – AI Process Engineer

Scottsdale, Arizona

- Took the AI program from one department to company-wide in four months; AI resource for about 150 employees.
- Oversee 70+ AI projects in Linear, each with an owner, executive sponsor, MVP milestones and pilot.
- Built an AI intake and scoring model that feeds one prioritized list for leadership, plus a monthly AI digest.
- Build AI agents and workflows with LLMs and MCP; deploy private models that keep company data secure.
- Shared 40 Claude skills across departments; maintain 80+ internal skills, specs and instruction sets.
- Trained 50+ employees through hands-on sessions; present executive-ready decks and live demos to leadership.
- “Customer Zero” for emerging AI platforms such as Superblocks and Lovable; led Supabase and Lovable evaluations through rollout.



2026 – present

Value Stream Science – Co-founder

valuestreamscience.ai

- Designed and built the interactive product demo (anime.js) for Methods, an AI agent platform for research scientists.



Dec 2023 – Sept 2025

Neoclease – AI Strategy and Data Analyst

AI gene-editing biotech · Boston, Massachusetts (remote)

- Evaluated small language models and AI/ML approaches for designing optimized gene-editing enzymes (nucleases).
- Selected for the C10 Labs AI Biotech Cohort; developed AI agents and automated workflows to accelerate biotech R&D.



EDUCATION

Dec 2026

Arizona State University, W. P. Carey – M.S. Artificial Intelligence in Business

- AI in Business
- Enterprise Data Analytics
- Business Data Visualization
- AI Business Strategy
- AI and Data Analytics Strategy
- Programming for AI and Analytics
- Machine Learning in Business
- Data and Technology Governance
- Analytics for Unstructured Data
- Transforming Business with AI



2025

Bowdoin College – B.A., Digital Computational Studies and Sociology

Double major · Four-year varsity Track & Field (pole vault)

INFO



Location

Scottsdale, Arizona, USA
San Diego, California, USA



Website

www.EthanEstrada.com

SKILLS



AI & Automation

Claude Code · Skills · MCP
AI agents & agentic workflows
Prompt engineering
Make · Superblocks · Lovable
Supabase · ElevenLabs



Data & ML

Python · pandas · scikit-learn
TensorFlow · R · MySQL
Tableau · Streamlit · Vercel
Jupyter · Colab · GitHub
anime.js · AI interface design



Professional Skills

AI portfolio leadership
Executive presentations
Live product demos
AI training & curriculum
Change management
Public speaking

SOCIAL



LinkedIn

linkedin.com/in/
ethansulpizioestrada

TOOLKIT



Models

Claude (primary platform)
ChatGPT · Gemini · Copilot
Small & open-source LMs
Private models on company data
ElevenLabs voice AI



Modeling Methods

Regression · decision trees
Random forests · bagging · AdaBoost
K-means & hierarchical clustering
Neural networks
NLP & sentiment analysis



Project Management

Linear · Wrike · Jira
Obsidian · Git · GitHub
AI intake & scoring
Portfolio tracking
Monthly leadership reporting



Governance

NIST AI Risk Management Framework
NIST Generative AI Profile
ISO/IEC 42001 · CIA triad
AI risk tiering
Vendor AI & data disclosure

FOCUS



Enterprise AI adoption
Agentic system design
Forward-deployed AI work
AI program leadership

SELECTED AI BUILDS

AI COLD-CALL SIMULATOR

ElevenLabs voice AI with a custom LLM scoring engine; junior agents practice live calls and get structured feedback.

CLAUDE SKILLS LIBRARY

40 skills shared across departments, 80+ internal specs, each tracked for ownership, usage and cost.

AI CURRICULUM & LEARNING SYSTEM

Custom AI curriculum and parts of an internal LMS, used to train 50+ employees.

AI USAGE & COST DASHBOARD

Token costs pulled through MCP into a live web app on Vercel; each person sees their own spend.

INTERNAL AI APPS

Marketing content and operations apps built with Lovable, Supabase and Superblocks, from prototype to daily use.

METHODS PRODUCT DEMO

Animated, interactive walkthrough of Value Stream Science's AI agent platform for research scientists.

MASTER'S CASE STUDIES



HOME VALUE DRIVERS – R² 0.821

Random forest scorecard for underwriting; beat the 0.75 target set before training.

CUSTOMER CHURN – AUC 0.815

Pruned decision tree that shows who is about to leave, and why.

CREDIT RISK SCORING – AUC 0.776

Decision tree, random forest, AdaBoost and logistic regression tuned with GridSearchCV.

CROSS-SELL PROPENSITY – AUC 0.990

About 85% of flagged customers accepted the loan offer.

LOAN ELIGIBILITY APP

Logistic regression deployed as a live Streamlit app for non-technical users.

BUILDING ML MODELS WITH CLAUDE CODE

Business question to agentic code review, documented in Linear and GitHub.

AI GOVERNANCE PLAN

Inventory and risk tiers; NIST and ISO audits; vendor AI disclosure.

APPLIED PROJECTS

Portfolio personas (clustering), review sentiment (VADER), Tableau dashboards, AI tool evaluation.

RESEARCH

Neoclease

Small Language Models for Biotech and Pharma

Researched and wrote papers on how language models can design gene-editing enzymes, across biotech and pharmaceutical research.

NLP

AI Sentiment Analysis of Leadership Communication

Scored emails and meeting transcripts with custom metrics for clarity, emotional intelligence and persuasiveness.

More

Wearables, Political Discourse & Economic Data

Neural networks on fitness-tracker data; NLP on 16 years of debates; Costa Rica's economic resilience.

PRESS / ACTIVITIES

ASU NEWS

"For these ASU business students, AI is a family affair"

C10 LABS AI BIOTECH COHORT

Selected while at Neoclease

SCREEN ACTOR, SAG-AFTRA – 13 YEARS

Nickelodeon, Paramount Pictures, Viacom, Target, State Farm

BOWDOIN TRACK & FIELD

Four-year varsity athlete, pole vault