

# Adam L. Gent

San Francisco, CA | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Full-stack software engineer and data scientist who ships AI-powered products that solve real problems.

## PROFESSIONAL EXPERIENCE

### Full Stack Software Developer

Sept 2025 – Present

*Makase*

*Remote*

- Architected and deployed Facebook Lead Ads integration enabling real-time lead capture via webhooks, OAuth 2.0 authentication, and Graph API, reducing vendor response time from hours to seconds for 100+ small businesses
- Built WordPress plugin integrating Makase AI platform with shortcode support for drag-and-drop page builders

### Research Assistant

Oct 2025 – Present

*University of San Francisco*

*San Francisco, CA*

- Performed regression analysis in Python to assess health outcomes across longitudinal survey data for a multilingual Taichi intervention study targeting older adult health equity

### Data Scientist

Nov. 2024 – July 2025

*City & County of San Francisco - DataSF*

*San Francisco, CA*

- Built machine learning models (LSTM, logistic regression) to predict traffic collision risk and severity across 1,700+ SF intersections, achieving 76% recall and 65% accuracy
- Analyzed 20 years of collision data to identify novel severity predictors, finding collision circumstances outweighed infrastructure factors in determining fatal outcomes
- Developed interactive Streamlit tool enabling city planners to assess intersection safety, evaluate interventions, and measure effectiveness using counterfactual analysis

### Software Developer

Oct. 2023 – June 2024

*Greenbush Growing Cooperative*

*Plymouth, WI*

- Transformed business operations by developing custom web application to streamline wholesale orders and inventory management using React and Next.js
- Production app processing 100% of wholesale orders, delivering 5+ hours weekly time savings and improved operational efficiency

## FEATURED PROJECTS

### Live and Local

Sept. 2025

- Automated concert discovery platform that scrapes venue listings, validates artists using OpenAI API, and generates personalized Spotify playlists based on upcoming shows at user-selected venues

### Computer Vision Traffic Safety Model

June 2025

- Trained multi-modal deep learning model in PyTorch, combining aerial imagery and tabular data to predict intersection collision rates ( $R^2=0.79$ )

## EDUCATION

### University of San Francisco

San Francisco, CA

*Master of Science in Data Science*

*June 2024 – June 2025*

### University of North Carolina, Chapel Hill

Chapel Hill, NC

*Bachelor of Arts in Biology*

*Aug. 2014 – June 2017*

## RELEVANT SKILLS

**Software Engineering:** Python, SQL, React, Next.js, FastAPI, Docker, AWS, GCP, Kubernetes, Vercel, CI/CD, REST APIs, microservices architecture

**Data Engineering & Automation:** ETL pipelines, API integration, web scraping (Selenium, BeautifulSoup), workflow automation, Snowflake, MongoDB, data modeling

**Machine Learning & Analytics:** PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy, computer vision, neural networks, time series forecasting, feature engineering

**Product Development:** Rapid prototyping, Streamlit, Dash, Plotly, interactive dashboards, full-stack development, user-centered design

**Leadership & Communication:** Cross-functional collaboration, stakeholder management, technical translation, strategic thinking