

Peter Stamm

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US Citizen in Denver, CO

Education & Certificates

- M.S. in Computer Science from the University of Denver Sept 2023 to Nov 2025
- B.S. in Computer Science from the University of Denver Sept 2019 to June 2023

Work History

Full Stack Developer at Equeron, CO *Oct 2025 to Current*

- Built a responsive web application using NextJS, React, Tailwind, and Typescript for use on desktop and mobile devices.
- Integrated third-party APIs to improve the functionality of the application.

Full Stack Engineer at Lorecal, CO *June 2025 to Sept 2025*

- Architected a React-based web application to create a responsive LLM Chat interface.
- Implemented user authentication flows using PostgreSQL and Prisma ORM to properly handle token allowances amongst different user tiers.
- Created a RAG backend server using FastAPI and Python to train and serve custom Machine Learning/GenAI pipelines.
- Programmed an API-based automated data aggregator to abide by legal data collection compliance and FAISS for efficient vector search and storage.
- Managed CI/CD in Vercel with Github Actions and versioning with Git in line with DevOps and MLOps best practices.

Teaching Assistant at the University of Denver, CO *Sept 2023 to May 2025*

- Supported instruction and assisted students with office hours in Python, Java, Web Programming, Ethical Hacking, Discrete Mathematics, and Computer Security courses.

Full Stack Developer at DiscoverU, CO *June 2022 to May 2025*

- Designed user flows and wireframes in Figma and later implemented with Angular to create responsive frontend components.
- Built backend microservices for user-analytics and REST APIs for structured data operations using ExpressJS, in addition to MongoDB (NoSQL) to handle data scaling.
- Managed Docker configurations to support stable releases and used CI/CD through GitLab for testing and updates.
- Worked in small Agile-based software development teams to coordinate feature implementations and big fixes during two week sprints.

Open Source Contributions

Maintainer for giftrans (Debian) & pypi2aur (Arch Linux)

Jan 2026 to Current

- Built and validated Linux packages following distribution specific policies to ensure reliability and functionality

Research Experience

Graduate Researcher at the University of Denver

Sept 2023 to Nov 2025

- Designed and evaluated Random Forest, XGBoost, Geographically Weighted Regression, and Ensemble Meta-Models to observe settlement trends and predict undiscovered pre-columbian archaeological site locations in Mexico.
- Engineered domain-specific feature sets from geographical shapefiles to serve as training and testing data.
- Built data visualizations to compare predicted site locations across different models.