

Timmy Tram

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EDUCATION

COOP Careers

Data Analytics Fellow

Relevant Coursework: Data Analysis, Excel, Tableau, SQL, R

San Francisco, CA

August 2025 – December 2025

San Francisco State University

Bachelor of Science

Major in Computer Science; Minors in Video Game Studies

Cumulative GPA: 3.96/4.0; Dean's List 2020-2024

Relevant Coursework: Software Engineering, Database Systems, Computer Networks, Network Security, System Administration, Probability and Statistics

San Francisco, CA

August 2020 – December 2024

WORK EXPERIENCE

Kids Ai Literacy (Pre-seed Startup)

Software Developer

San Francisco, CA

June 2025 – July 2025

- Designed and implemented scalable backend server infrastructure alongside 3 software developers enabling 30 children ages 5-10 to engage in an interactive learning game with 90% uptime
- Built a robust API system to handle 30 – 60 requests per minute, ensuring seamless user experience for young learners in an educational setting
- Established comprehensive code review standards to improve team development proficiency and maintain consistent code quality

PROJECTS

Stratus Link Communications

November 2025 – December 2025

- Engineered an automated Python categorization system using LM Studio, cleaning and standardizing 700+ hierarchical audience labels into consistent groups, reducing hours of manual work to under ~60 seconds per full dataset run
- Built an analytical foundation with Excel and Python, developing pivot tables, integrating external datasets and applying 0-1 normalization with weighted scoring to rank audience efficiency across CPA, CTR, CPC, CVR, CPM and other KPIs
- Developed interactive Tableau dashboards and visualizations that highlighted top-performing audience segments, cost-efficiency trends, and enriched insights, strengthening the team's final presentation and recommendation strategy

Coffee Spot

August 2025 – December 2024

- Led backend API and database rating and review system in a team of 7 as the backend lead, enabling users to bookmark and contribute study spot recommendations relevant to the SF Bay Area
- Designed and documented 15+ RESFful API endpoints with detailed specifications, streamlining frontend integration
- Deployed and launched platform for SFSU students, resulting in 50 curated study spots and 30 user accounts in the first month

ADDITIONAL

Technical Skills: Windows 10/11, Linux, Java, Javascript/Typescript, Python, C/C++/C#, SQL, MongoDB, Excel

Certifications & Training: Google Data Analytics Professional Certification, Google AI Essentials Certification