Andrew Kim

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA – Los Angeles, CA   *Graduation Date: May 2025*
Bachelor of Science in Economics/Data Science, Minor in Artificial Intelligence Applications
- Related courses: Machine Learning in Python; SQL Database Management; Data Visualization and Interface; Applied Neural Networks; Applied Machine Learning for Natural Language Processing
- Cumulative GPA: 3.8

SKILLS

Programming & Tools:	Python, SQL, R, C++, Javascript
ML Libraries & Frameworks:	Scikit-learn, Tensorflow, Seaborn, PyTorch, Pandas, NumPy, OpenAI API
Visualization & Analysis:	Tableau, Excel, MatPlotLib, R, Jupyter Notebook
Technologies:	FastAPI, Next.js, PostgreSQL, AWS, Git

WORK EXPERIENCE

PROMETHEUS DATA, INC. – Los Angeles, California   *Apr 2024 – July 2024*
Data Analytics Intern
- Collaborated with business operations and engineering teams to establish 10+ key metrics for building business intelligence dashboards and analyze data from 100+ profiles to drive product enhancements
- Managed high-paced project by synthesizing stakeholder insights into actionable KPIs and wireframing flow charts for cross-functional collaboration
- Developed an end-to-end insights-driven dashboard using Tableau and real-time Google Analytics data to communicate product and marketing insights to stakeholders

JUST LIKE MEDIA – Los Angeles, California
Web Analytics Intern   *May 2023 – Aug 2023*
- Enhanced user interaction and data accessibility in web application frontend through customer-centered data visualizations, contributing to a 200% increase in customer engagement and acquisition
- Collaborated on restructuring content pipelines and dashboard interfaces to improve data clarity, access speed, and end-user insight delivery

PROJECTS

ENTERTAINMENT MARKET ANALYSIS AND RECOMMENDER ENGINE   *Apr – Aug 2025*
- Uncovered 4 underrepresented, high-performing content genres by analyzing engagement, ratings, and platform distribution from 30K+ game titles in Python, revealing new market opportunities worth potential audience reach increases of 20–30%
- Built a content-based recommendation system that improved hidden gem discovery accuracy by 35% and boosted top-5 recommendation relevance to 88%, validated through user testing.
- Integrated EDA with machine learning similarity models to identify platform–genre combinations with 2–4x higher retention potential compared to baseline offerings

CONCISELY: AI VIDEO SUMMARIZATION TOOL   *May – July 2025*
- Built a full-stack, AI-powered web app (Python, FastAPI, Next.js, Typescript) that transcribes and summarizes video/audio content using OpenAI Whisper and GPT-4, reducing manual review time by 80%
- Engineered a transcript chunking and aggregation pipeline to handle long video inputs in respect to token limits, increasing program speed and accepted video lengths by 5x
- Deployed app with PostgreSQL DB, file uploads, and CORS-enabled client-server architecture

COFFEE SHOP SALES ANALYSIS   *Jan 2025 – Mar 2025*
- Built a business intelligence dashboard using **SQL** and **Tableau** to analyze over 200,000 transactions at a coffee retailer among 3 locations
- Deployed visualizations highlighting significant KPIs such as monthly revenue growth (+200%), top-selling products and best-performing selling periods.