

# Andrew Kim

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## EDUCATION

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**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
- Leadership: Music Inspiring Community President; USC Dear Asian Youth Finance Director
- Cumulative GPA: 3.8

## SKILLS

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**Technical Languages:**

Python, SQL, R, C++, MongoDB

**Softwares and Methodologies:**

Tableau, MS Excel, Pandas, NumPy, Matplotlib, Scikit, Tensorflow, PyTorch, PySpark, Seaborn, R Studio, Jupyter Notebook

## WORK EXPERIENCE

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**PROMETHEUS DATA, INC. – Los Angeles, California**

*Apr 2024 – June 2024*

*Web Development and Data Analyst Intern*

- Developed database infrastructure by connecting Webflow responses to .csv database, integrating marketing team efforts and web application deployment to collect immediate responses into .csv files for analysis
- Identified 13 key metrics for handling data transformations to be inputted into credit fraud detection models and data analysis in Google Analytics
- Delivered expeditious website updates that were critical to the company's ability to secure +\$1 million in investments following the Tenity Singapore 2024 Convention

**JUST LIKE MEDIA – Los Angeles, California**

*Web Development and Strategy Intern*

*May 2023 – Aug 2023*

- Revamped keynote speaker Jerry Won's main website, causing a growth in rate of email inquiries and newsletter subscriptions by over 1000%
- Redesigned marketing strategies of Jerry Won's business by providing easy, noticeable access to them via changes in data visualization

## PROJECTS

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**YOUTUBE VIDEO SUMMARIZER USING LONG-CONTEXT LLMS**

*Mar – May 2025*

- Engineered a Streamlit app using Python that summarizes YouTube videos, extracts key frame selections, and provides metadata analysis, reducing average viewing time from ~20 minutes to ~3–4 minutes, increasing consumption efficiency by 5x
- Integrated 4+ open-source AI tools (OpenAI Whisper, DeepFace, BLIP, yt-dlp) in a unified pipeline to enhance summarization quality and user comprehension by 80%
- Presented to university faculty members and Meta product director; received interest for B2B use cases such as Zoom recap automation

**STEAM GAMES REVENUE ANALYSIS**

*Feb – Mar 2025*

- Analyzed top 1,500 Steam games by 2024 revenue using Excel to identify trends in pricing, sales volume, user engagement, and release timing strategy
- Created a dynamic Excel dashboard featuring KPIs, pivot tables, charts, and filters to visualize trends in revenue, average playtime, review scores, and price tiers
- Found that mid-tier games (\$20–40) had the highest average revenue per unit, and Indie games accounted for over 60% of titles but underperformed in playtime metrics

**ALCOHOL USAGE PREDICTION ANALYSIS**

*Nov 2024 – Dec 2024*

- Built predictive machine learning models using R, leveraging logistic regression with LASSO, random forest models, and PCA to identify key factors of alcohol effects on student GPA
- Achieved a 75.86% accuracy with random forest model; selected effective features for prevention program strategy