

Ryan Park

parkryan844@gmail.com | (213) 663-3539 | linkedin.com/in/ryan-j-park/ | github.com/ryanpark123 | ryan-park.netlify.app

EDUCATION

University of California, Irvine | B.S. Informatics: *Specialization in Information Technology* **Graduation:** June 2026 | **GPA: 3.9**
Coursework: Data Analytics & Visualization, Database Management Systems (SQL), Probability & Statistics, Machine Learning Fundamentals, Data Structures, Statistical Programming (Python, R), Data Mining, Information Visualization, Microsoft Excel
Involvements: VP Technology Intern - Alpha Kappa Psi, Technology Lead - Data@UCI, Webmaster - Kristos Campus Missions

SKILLS AND INTERESTS

Languages/Frameworks: Python, SQL, Power BI, Tableau, Pandas, NumPy, R, Matplotlib, Java, Excel, Power Query, Seaborn
Tools: Power BI, Excel (Pivot Tables, Power Query), R (ggplot2), Jupyter Notebooks, Git, AWS (Redshift, S3), Power Automate
Certifications: Google Cybersecurity Specialization, AWS Cloud Fundamentals, Intro to Data Analytics, Excel Fundamentals
Interests: Automation, Networks, Databases, Opensource, IoT, Cryptocurrency, IT, GenAI, Web Design, AI, Film, Media, Sewing

EXPERIENCE

Experian

Costa Mesa, CA

Security Awareness/Data Intern

June 2025 - Present

- Analyzed and interpreted performance data from **300+** employees participating in Capture the Flag (CTF) challenges, using SQL and Python (Pandas) to measure phishing detection improvements and identify knowledge gaps across departments.
- Built data-driven dashboards in Tableau to visualize engagement with the Cybersecurity Escape Room, effectively tracking **90%+** completion rates and quantifying retention of security concepts through detailed pre-/post-assessment data analysis.
- Boosted engagement in cybersecurity awareness programs by over **85%**, growing participation from 40 to 100+ members through generative AI-driven outreach strategies, targeted communications, and the development of campaign content.

Allstate Engineering

Los Angeles, CA

Data Analyst Intern

June 2024 - September 2024

- Developed and automated weekly reports in Power BI to monitor costs, timelines, and revenue across **30+** roofing and real estate projects, providing actionable insights and significantly improving visibility for senior management decision-making.
- Queried and analyzed over **10,000** rows of project data using SQL, identifying clear seasonal demand patterns and cost fluctuations that directly informed pricing strategies and helped the company maintain stronger margins during peak seasons.
- Performed data analysis in Python (Matplotlib, Seaborn) to investigate causes of project delays, revealing that material delivery issues were the largest contributors, and recommended adjustments that reduced scheduling overruns by approximately **15%**.

MuseTown

Los Angeles, CA

Data Analyst Intern

June 2023 - September 2023

- Cleaned, standardized, and structured more than **20,000** keyword entries into a SQL database, improving search functionality and enabling faster, more accurate creator discovery for the beta platform, which reduced average query times by about **25%**
- Conducted competitor benchmarking across **50+** platforms by collecting and analyzing features and performance data, presenting findings that influenced the roadmap and supported the rollout of search filters and creator tagging functionality.
- Designed and delivered interactive Tableau dashboards that tracked engagement trends, retention cohorts, and user search behaviors, generating insights that guided two key product changes and ultimately boosted weekly active users by **15%**.

PERSONAL PROJECTS

Netflix Insights: Data Cleaning and Visualization Project - Python, Seaborn, Matplotlib, Pandas

- Used Python (Pandas, Matplotlib, Seaborn) to clean and analyze 8,000+ Netflix titles, revealing trends from genres and ratings.
- Performed exploratory data analysis (EDA) to identify trends in genre distribution, content ratings, and release year patterns.
- Built insightful visualizations with Matplotlib and Seaborn to display rating distributions, genres, and yearly content growth.

YouTube Trending Video Analysis - Python, Seaborn, Pandas, Matplotlib, Plotly Dash

- Built an interactive dashboard using Plotly Dash analyzing YouTube video trends in content, engagement, and categories.
- Cleaned and processed large datasets (~100k+ rows) by managing missing data, parsing dates, and standardizing categories.
- Performed EDA to identify top trending categories, top channels, and relationships between views, likes, and comments.

Job Hunter - AWS, Node, React, Django, Rest APIs

- Engineered a secure full-stack web application hosted on AWS, integrating identity-based access and encryption for security.
- Deployed AWS ElastiCache to optimize query handling, achieving 90% reduction in response sizes and 85% improved latency.
- Developed a dynamic user interface using React, incorporating advanced Node.js server-side logic and Django REST APIs.

Caesar Cipher - Java

- Developed a Java Caesar Cipher application, increasing text encoding efficiency by 20% and enabling real-time interaction.
- Designed robust error handling that significantly reduced input errors by 40%, greatly enhancing overall system stability.
- Conducted over 100 detailed test scenarios, thoroughly validating the encryption algorithm with a 99% accuracy rate.