

Christopher Kim

Operations Research Intern

San Diego, CA | [LinkedIn](#)

Data science student at Claremont McKenna College with experience analyzing defense datasets and building predictive models. SMART Scholarship recipient focused on operations research and machine learning applications.

EXPERIENCE

Operations Research Analyst Jun 2026 — Aug 2026
United States Department of Defense *Fort Belvoir, Virginia, United States*
Compiled and analyzed contract data to identify rate-curve trends and evaluate commodity-wide pricing patterns. Assessed validity and sufficiency of cost estimates through technical discussions with subject-matter experts to support senior-leader acquisition and resource decisions.

AI/ML Team Member Aug 2025 — Dec 2025
P-ai at the Claremont Colleges *Claremont, CA*
Developed an AI academic advisor that converts natural-language student preferences into personalized, degree-feasible course schedules. System considered time constraints, degree goals, and student interests.

Operations Research Analyst Jun 2025 — Aug 2025
United States Department of Defense *Fort Belvoir, Virginia, United States*
Analyzed large Army cost, personnel, and readiness datasets to identify key cost drivers for budgeting decisions. Created Power BI dashboards and briefs to communicate insights to senior analysts and leadership.

SMART Scholarship Apr 2024 — Present
United States Department of Defense *Washington, District of Columbia, United States*
- Sponsoring facility: The Deputy Assistant Secretary of the Army for Cost and Economics (DASA-CE)
- 8% acceptance rate in the Cohort Year 2024

Student Athlete (Men's Soccer) Aug 2023 — Present
Claremont-Mudd-Scripps Athletics *Claremont, California, United States*

Biotechnology Intern Jun 2023 — Aug 2023
Trutino Biosciences *San Diego, California, United States*
Supported protein engineering team by designing data-collection workflows and building a digital sample-tracking system using Excel. Improved upstream and downstream accuracy in lab operations.

EDUCATION

DIS - Study Abroad Jan 2026 — May 2026
Computer Science
Attended DIS Stockholm in Spring 2026
Core course: Machine Learning
Other courses: Artificial Intelligence, Data Visualization, Behavioral Economics, Swedish Language & Culture Through Music, Rhythm, and Song

Claremont McKenna College Aug 2023 — Jun 2027
Bachelor of Arts - BA in Data Science & Economics
GPA: 3.8/4.0; SMART Scholarship recipient (8% acceptance rate)

Torrey Pines High School Aug 2019 — Jun 2023
High School Diploma
- Weighted GPA: 4.4, Unweighted GPA: 4.0
- National Merit Commended Scholar
- AP Scholar with Honor

PROJECTS

Built a full pipeline to predict box-office revenue using IMDb and TMDb data., Predictive Modeling of Movie Revenue and Ratings
Engineered 15+ features and trained linear and quadratic models on 1M+ IMDb/TMDb records. Exploratory data analysis revealed significant revenue patterns and post-pandemic shifts in the film industry.

Multi-structure record database for efficient lookups and batch processing., Student Management System
Built a record database using hash tables, linked lists, and arrays to support efficient data operations. Implemented comprehensive validation routines to ensure algorithmic efficiency and data integrity.

Interactive tool to model taxation and redistribution effects., Wealth Inequality Simulation

Developed an interactive simulation using Streamlit to model taxation and wealth redistribution policies. Computed Gini coefficients and visualized wealth distributions to quantify policy effects.

CERTIFICATIONS

Chi Alpha Sigma Honors Society, Chi Alpha Sigma	Jan 2026
SMART Scholarship, United States Department of Defense	Apr 2024
SCIAC All-Academic Team (2023, 2024, 2025), Southern California Intercollegiate Athletic Conference	

SKILLS

SQL · Power BI · Excel · MATLAB · pandas · NumPy · scikit-learn · matplotlib · tidyverse · ggplot2 · Data Cleaning · Statistical Inference · Data Analysis · Machine Learning · Artificial Intelligence · Operations Research · Biotechnology · Python (Programming Language) · LaTeX · Programming Languages · Microsoft Office · Google Workspace · Technical English · R (Programming Language) · Problem Solving · Analytical Skills