

Khanh Phan

khphan183@gmail.com • (770) 265-5050 • [/in/khanhhphan/](#) • San Francisco, CA

EDUCATION

University of California, San Diego

M.S. Data Science	Mar 2026
B.S. Biochemistry and Cell Biology	Jun 2019
Data Science and Visualization Certification	May 2023

EXPERIENCE

Biochemist II | Revvity

Jun 2023 – May 2024

- Consistently exceeded quarterly KPIs by 13-18% through continuous improvement initiatives, data analysis on historical production trends, resolving yield issues, and improving team output
- Introduced material tracking systems and Kaizen techniques, reducing workflow inefficiencies by 20% (reflected in KPI) and improving operational output
- Revised and standardized 15+ process protocols and batch records, achieving a 100% compliance rate with GMP standards for Bacteria team
- Generated actionable insights for quality control by analyzing protein samples through SDS-PAGE and endotoxin assays, improving historical yields and reducing up to a full day of production
- Developed lyophilization assays and GMP techniques for scaling production yield on key proteins

Production Chemist | QuidelOrtho

Feb 2020 - Mar 2023

- Monitored product trends using JMP, identifying process inefficiencies and reducing wasted lots' cost by 15%
- Analyzed reagent performance using HPLC, UV-Vis, and fluorometry, contributing to the development and revision of protocols to simplify data entry and improve workflow efficiency through ease of analysis
- Delivered comprehensive data reports on reagent trends, working with management to implement preventative measures, address emerging issues proactively, and foster a culture of effective troubleshooting
- Implemented Lean Six Sigma and Kaizen practices, streamlining workflows to reduce production delays by over 20% and increase throughput by 10% across two quarters, successfully resolving backorders
- Received Performance Excellence Award for leading a winning cross-functional Kaizen team that was nominated and selected for global presentation.

Data Entry Intern | San Diego Fertility Center

Oct 2019 - Dec 2019

- Audited and transferred 500+ patient records from SART databases to export to CDC systems ensuring compliance with regulatory standards
- Conducted quality checks on 200+ patient records, reporting and resolving discrepancies within a 2-day turnaround time
- Presented data-driven insights during weekly reporting meetings, contributing to an improvement in operational efficiency during transition period
- Shadowed Andrology/Endocrinology lab workflows, gaining compliance insights and contributing to error reduction

SKILLS

Technical

- Data Analysis
- Database Management
- Assay Design
- ETL Processes
- Data Visualization

Tools & Platforms

- Python
- SQL
- R
- Microsoft Office
- Tableau/JMP

Soft

- Cross-Functional Collaboration
- Report Writing
- New Employee Training
- Problem-Solving
- Strategic Planning