Raymond Kim

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EDUCATION

B.S. Computer Science, Economics minor *Wheaton College, IL* Graduated May 2024

- Relevant Coursework: Programming I & II, Data Structures & Algorithms, Software Development, Systems, Computational Linguistics, Information Security, iOS Development, Management Information Systems

SKILLS

- **Languages:** SQL (T-SQL), Python (pandas), TypeScript, JavaScript, Java, C, Swift, Delphi, HTML/CSS
- **Tools:** SQL Server, SSRS, dbt, Airflow, AWS (S3, Redshift, Athena, Glue, IAM), Docker, Power BI, Git

WORK EXPERIENCE

Database Developer, *Rocky Mountain Crude Oil,* Austin, TX March 2025 – Present

- Own company-wide SQL Server reporting (120+ custom stored procedures, 290+ SSRS reports) that executives, billing, clients, and dispatch operations rely on.
- Built a unified data model that corrected 450+ ticket-level errors, saves 7+ hours of weekly manual corrections, and keeps reporting at 99%+ accuracy, measured by automated error tracking.
- Uncovered $200K+ in revenue missing from legacy reporting over six months (including 34% under-reported detention charges) and found 35% of IT license spend unused, supporting an MSP transition projected to cut IT service costs by 50%.
- Serve as IT lead for TMW Suite (15+ applications), M365 (160+ users), field hardware (phones, laptops, tablets, ELDs, printers), and management of third-party fuel (Mudflap) and telematics software (Samsara) vendors.

Software Engineer Intern, *First Trust Portfolios,* Wheaton, IL May 2023 – July 2023

- Automated the generation and delivery of monthly and quarterly fund expense reports for critical vendors, optimizing financial tracking and reporting by 20%.
- Enhanced an enterprise application's search service by adding UI and backend processing for querying invoices in SQL, resulting in a more intuitive user experience and 60% faster query processing.
- Collaborated on the development of a new Human Resources webpage, using C#, Blazor, and Delphi (backend).

Product Management Intern, *Equinix,* Dallas, TX May 2022 – August 2022

- Drove feature development for JARVIS, Equinix's data center operations platform, including MyTime (technician task and time tracking) and Onsite Clients (interactive map and panel to better support visiting customers).
- Conducted user research and created both wireframes and user journey maps using Figma and Miro for those two main features, collaborating directly with end-users, UX-designers, and developers in an agile environment.
- Served as one of 7 Intern Ambassadors, organizing professional development and social events (virtual and in person) and representing 150+ interns globally.

PROJECTS

National Defense Spending ELT Pipeline (national-defense-spending) September 2026 – November 2026

- Built an automated ELT pipeline on AWS ingesting 40M+ federal defense contract transactions from USASpending.gov with Python, S3, Redshift Serverless, and Airflow (Docker), loading only monthly change files with idempotent reruns.
- Modeled the data in dbt as a star schema with an SCD Type 2 recipient dimension, consolidating 459K inconsistent parent-company changes into 153K versions, and enforced quality with 90+ data tests.
- Answered 20+ analytical questions through a six-page Power BI dashboard and written findings built on eight dbt reporting tables, showing that 55% spending growth since FY2017 was only 18% after inflation and that four of five major defense mergers lost contract share.

ADDITIONAL

- Language proficiency in Urdu and Korean.