

KARINA SHAH

841 Polaris Dr, Tustin, CA 92782

📞 949-231-2730

✉ k7shah@ucsd.edu

🌐 [linkedin.com/in/karinaashah](https://www.linkedin.com/in/karinaashah)

🔗 karinashah.github.io/portfolio

Education

University of California, San Diego

August 2023 – June 2026

Bachelor of Science in Data Science, GPA: 3.7

La Jolla, California

Minors in Business Administration, Marketing

Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Statistical Inference, Product Marketing and Management, Data-Driven Decision Making, Computational Probability, Theoretical Foundations of AI, A/B Testing, Cybersecurity Fundamentals, Ethical Hacking and Penetration Testing

Experience

Triton Consulting Group

September 2023 – November 2024

Associate Consultant

La Jolla, CA

- Work with for-profit and nonprofit clients to solve strategic challenges (Past clients include: AT&T, Walmart, NVIDIA, MLB)
- Current Project: Work with team of 6 consultants on 8-week pro bono project for IDF Dental Studio (SD-based group of dental offices)
- Conduct primary and secondary research to assess the viability and logistics of scaling into the dental industry; design primary research survey and synthesize findings from 400+ data entries; conduct 50 in-store customer interviews to identify key trends and opportunities for content optimization and strategic planning.
- Utilize Python, Tableau, and Power BI to create visualizations that communicated complex data insights in an accessible manner, enhancing user understanding and engagement.

Halcioğlu Data Science Institute

January 2025 – Present

Undergraduate Teaching Assistant

La Jolla, CA

- Selected as 1 of hundreds of applicants to assist DSC 20: “Programming and Data Structures for Data Science”
- Transfer grades from WebClicker to Canvas
- Host twice weekly conceptual and debugging office hours; grade homeworks and labs on Gradescope
- Explain topics such as basic data structures, recursion, object-oriented programming, list comprehension, and more to students.

HP Tech Ventures

June 2024 – September 2024

Corporate VC & Business Analytics Extern

Remote

- Utilized data analytics tools to research and identify promising pre-seed stage startups for strategic deal sourcing and evaluation.
- Implemented SQL statements to create database tables, implementing filters, conditional statements, views, triggers, store procedures and functions for data cleaning, transforming, and manipulation.
- Collaborated with team members using version control systems like Git to organize changes and delegate roles.
- Implemented automated pipelines to improve ETL processes and increase data loading performance.
- Developed and maintained detailed profiles of startup companies, focusing on technical feasibility, market potential, and innovation.

UCI Gavin Herbert Eye Institute

July 2022 – August 2022

Data Intern

Irvine, CA

- Collected data in both surgical and postoperative cataract appointments to determine how a better patient-web interface experience with health systems could be designed.
- 4 Skills: Excellent spoken and written communication skills, Data Gathering, Hadoop, A/B Testing, Analytical Problem-Solving research skills.
- Identified opportunities for optimization and improvement belonging to patient education that resulted in a 22 percent decrease in time spent on administrative tasks.

Projects

Quibble | Python, Django, React.js

July 2024

- Developed a full-stack social media application similar to Twitter
- Implemented user authentication, tweet posting, and responsive user interface using React.js
- Conducted unit testing and debugging to ensure code quality and reliability

MiniGit | Java, Git

June 2024

- Created a mini version control system modeled after Git.
- Includes creating the commands init, add, commit, rm, log, globalLog, find, checkout, branch, rmBranch, reset, and status.
- Part of UC San Diego’s Data Structures and Algorithms (DSC30) Bonus Project.

Technical Skills

Languages: Proficient in Python, Java, R, SQL, Matlab, Canva, Google Apps, Excel

Developer Tools: VS Code, IntelliJ, Google Cloud Platform, React.js, Django, JupyterNotebooks

Technologies/Frameworks: Tableau, Power BI, Linux, Hadoop, GitHub, OpenCV

Leadership / Extracurricular

Project RISHI

September 2023 – Present

Committee Lead, Computer Literacy Committee

UCSD

- Organized and led technical workshops, seminars, and networking events to support and empower students in rural India interested in computing and engineering careers
- Promoted equal opportunities within project team to foster an inclusive and supportive environment.