

## Krish Shah

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### EDUCATION

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#### Boston University

Boston, Massachusetts

Bachelor of Science in **Computer Engineering**, Concentration in **Machine Learning**

Sept 2022 – May 2025

- **FIRST Robotics Presidential Scholar** – top 0.5% of engineering admits; four-year half-tuition and funded research
- Notable Activities: BU Jalwa Dance Troupe (Treasurer), Hindu Cultural Association (Treasurer), BU Baja SAE Offroad Racing (Secretary), Technology Inspiration Scholars Program (Ambassador), College of Engineering Ambassador (Tour Guide)

### EXPERIENCE

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#### Beacon Platform (a Clearwater Analytics company, NYSE: CWAN)

New York, New York

Solutions Engineer

June 2025 – Present

- Led cross-regional delivery of pricing and risk infrastructure for hedge funds and asset managers, aligning Beacon's cloud-native analytics tools with structured product workflows to accelerate client onboarding and adoption
- Built scalable pricing engines on Beacon's elastic compute grid (WMP), leveraging distributed simulations and client-specific models to support complex equity-linked derivatives and reduce trade approval cycles by over 30%
- Supported integration of Beacon's Python-based quant stack into Clearwater's \$8.8T AUM reporting platform post-acquisition, enabling unified front-to-back analytics across risk, performance, and regulatory teams
- Advised 10+ global investment teams as a technical lead, translating front-office goals into deployable analytics dashboards and workflow automations while channeling feedback into Beacon's product roadmap

#### Kolochalama Laboratory

Boston, Massachusetts

Machine Learning Research Intern

Sept 2024 – May 2025

- Designed a Retrieval-Augmented Generation (RAG) framework for LLM Grounding in biomedical contexts, anchoring AI outputs in clinical data, medical guidelines, and peer-reviewed literature to reduce hallucinations
- Developed benchmarking tools to evaluate LLM reliability and interpretability using multimodal datasets, including MRI scans, lab results, and clinical notes
- Worked directly under Dr. Vijaya B. Kolachalama, Associate Professor at BU and NIH-funded AI-in-medicine researcher with publications in Nature Medicine and ICML

#### Beacon Platform Inc (Pre-IPO, Series C)

New York, New York

Financial Engineering Intern

May 2023 – Sept 2024

- Built an Equity Derivatives Accelerator, reducing POC setup time by 50% and increasing client conversion by 20%
- Developed a secure AI chatbot for RFI handling, cutting response time by 40% and strengthening data privacy and operational efficiency
- Collaborated with interns and engineers across New York and London to develop a scenario generation tool, reducing analysis time by 40% and improving stress testing accuracy for strategic decision-making

### LEADERSHIP & COMMUNITY INVOLVEMENT

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#### Mentoring SuperHighway

Chesterfield, New Jersey

Founder

Sept 2022 – Present

- Founded a mentorship platform connecting 100+ high school students with college mentors across 10+ institutions, resulting in a 25% increase in STEM college applications among participants
- Designed and deployed a structured STEM-readiness curriculum covering academic planning, career exploration, and skill development, improving mentee confidence and preparedness by 30%

#### Boy Scouts of America - Troop 112

Wrightstown, New Jersey

Assistant Scoutmaster

June 2020 – Present

- Mentored 40+ Scouts aged 11–17 through rank advancement, merit badge planning, and personal goal setting, supporting 10+ successful Eagle Scout projects including food drives, park restorations, and STEM tutoring programs
- Organized and supervised over 20 camping trips and high-adventure outings, fostering team cohesion, logistical planning, and resilience in challenging wilderness environments

#### FIRST LEGO League (NanoHounds 2700 & 34204) & FIRST Tech Challenge (TechHounds 5387)

Columbus, New Jersey

Assistant Coach, Mentor

Sept 2018 – Present

- Mentored 80+ students across two robotics divisions, leading to 14+ awards—including Champions, Inspire, and multiple Mentor Awards—while boosting match performance by up to 40% through hands-on training and data-driven coaching
- Designed and ran weekly sessions on autonomous navigation, drivetrain optimization, and alliance strategy, fostering long-term STEM engagement and inspiring alumni to pursue engineering and leadership roles in high school and beyond

### AWARDS & INTERESTS

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**Honors:** Eagle Scout with Silver Palm (Top 0.016%), Coca-Cola Scholarship Semifinalist, Heisman High School Scholarship Recipient, National Honor Society Scholarship Recipient, ELKS Most Valuable Student Scholar, Order of the Arrow (BSA Honor Society), Garden State Council Eagle Alumni Scholar, Songahm Taekwondo Second Degree Black Belt

**Other Interests:** Dance, Basketball, Sports Analytics, Poker, Bartending, Backpacking, Canoeing, Cooking, Pickleball, BU Hockey