

RAAHIL KRISHNA AMARSHI

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EDUCATION

Lehigh University, Bethlehem, Pennsylvania
Major in Industrial & Systems Engineering, Minor in Business.

Graduation: May 2020
Overall GPA: 3.61

Honors and certifications: Unqork SME Certified, Dean's List Graduate, Six Sigma Green Belt certified, Ujima Award, Lehigh Class of 1904 Award, 611' Leadership Challenge Award.

SKILLS

Programming and Software: Javascript, Python, React.js, HTML, CSS, SQL, Microsoft Office Suite.

Language: Fluent in Hindi, English, French, Swahili, Sindhi and Gujarati.

PROFESSIONAL EXPERIENCE

Application Engineer

July 2021-Present

Unqork Inc, New York City, New York

- ▶ Lead teams of up to 6 to deliver web applications from start to finish within as little as 4 months.
- ▶ Interpret client requirements and develop efficient and secure application architecture to meet client needs.
- ▶ Present and teach solutions architecture to technical and non-technical audiences as large as 20 people.
- ▶ Help develop Unqork documentation and academic resources to spread configuration knowledge to other Unqork users.
- ▶ Work with the platform team, design team, enablement team at a granular level to ensure partners have a seamless experience.

Technical Specialist

July 2020-July 2021

Unqork Inc, New York City, New York

- ▶ Leverage React.js and REST APIs to build scalable and efficient web applications for clients in financial markets.
- ▶ Interact closely with clients to understand their business and present technical solutions using our tech stack.
- ▶ Instill Unqork best practices as an Unqork SME and lead monthly training sessions that help display the power of Unqork.

Data Analytics Intern

August 2019-February 2020

Freshpet, Bethlehem, Pennsylvania

- ▶ Collected data and analyze daily sanitation operations to create standard operating procedures for 15 machines.
- ▶ Presented bi-weekly to 4 process engineers on site regarding progress on safety and process efficiency using Excel tools.

Operations Intern

May 2019-August 2019

Ardent Mills, Easton Plant

- ▶ Optimized daily processes such as packaging and wheat processing at a flour milling plant to achieve lean production.
- ▶ Re-designed the layout for a 20,000 square foot packaging department using AutoCAD which led to 22% more storage space.
- ▶ Presented outcomes and innovation plans to 12 executive leaders and 40 other interns at the headquarters in Denver, CO.

Human Resources and Marketing Intern

May 2017-July 2017

American Councils for International Education (ACIE), Macedonia

- ▶ Selected as 1 out of 500 students for an international summer internship program.
- ▶ Provided marketing strategies to promote the high school student exchange program among the Macedonian society.
- ▶ Educated 85 students through 5 presentation sessions and social media on various opportunities to study abroad.

TECHNICAL PROJECTS

Holiday Unqorkathon Game, Unqork

December 2020

- ▶ Designed and configured a trivia game using the Unqork platform and 7 randomly assigned APIs with dynamic features.
- ▶ Presented the game in a company-wide event with an audience of more than 400 people.
- ▶ Awarded a cash prize of \$100 for delivering the most interactive application of the competition.

Lehigh Transportation System Design, Java Algorithms

January 2019 – May 2019

- ▶ Coded a transportation system for the campus in a group of 4. This involved exploring Java's dictionary class and its functions.
- ▶ Implemented various shortest path algorithms such as the Floyd-Warshall algorithm to maximize efficiency of the system.

Lehigh Queueing Systems Simulation, Simulation Modeling and Data Analysis

January 2019 – May 2019

- ▶ Collected and analyzed data on bottleneck and inefficiency points in the Lehigh dining hall queues at peak hours.
- ▶ Constructed simulation models on the Arena software to measure the effectiveness of proposed solutions.
- ▶ Presented solutions to 5 dining services officials who noted a record 20% decrease in congestion after implementation.

RECREATIONAL LEADERSHIP

President, University Productions (UP), Lehigh University

February 2018-May 2020

- ▶ Managed \$225,000 annual operating budget for 80-member club, the largest and most funded on campus.
- ▶ Executed up to 30 concerts, comedy acts, student-excursions as well as other on campus programming.

Tanzania national cricket team player, Dar-es-Salaam, Tanzania

January 2013-July 2018

- ▶ Represented the country in over 20 competitive cricket tournaments including several Cricket World Cup qualifiers.
- ▶ Won several accolades such as man of the match, upcoming player of the year and tournament winners.