

SIRIUS GANESH

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EDUCATION

University of Illinois at Urbana-Champaign

Class of 2021

- B.S. – Mechanical Science & Engineering
- Minor – Business Administration

GPA: 3.3/4.0

Dean's List: Spring 2019

WORK EXPERIENCE

Geek+ Robotics, Systems Engineer, Systems Consultant

August 2023 – Present

- Acted as a trusted system partner, leveraging domain expertise in software and mobile robotics solutions.
- Engaged with product and market strategy teams to enhance software offerings, incorporating industry best practices.
- Led and participated in all project phases from review and estimation to execution, testing, and maintenance.
- Excelled in managing ambiguity, multitasking, and adapting roles to meet diverse project needs.

Geek+ Robotics, Robotics Engineer, Deployment Manager

August 2021 – July 2023

- Managed onsite plan, schedule, and budget; coordinated with clients and vendors for seamless execution.
- Oversaw supply chain and installation scoping; ensured accurate client documentation and testing preparedness.
- Trained client teams, nurtured relationships, and delivered concise weekly updates and effective project closure.

Grainger College of Engineering, Undergraduate Researcher

September 2019 – May 2021

- Micro-droplet coalescence dynamics with an emphasis on condensation heat transfer of low-surface-tension fluids.

Tata Motors – Engineering Research Center, Project Engineering Intern

May 2019 – July 2019

- Led a cross-functional effort to enhance modularity resulting in \$120,000 reduction in X2 platform production costs.
- Collaborated with multiple departments to align aggregate characteristics with cost, function, and weight targets.

LEADERSHIP & SOCIETIES

Society of Engineering Mechanics – Executive Board, TAM 2XX Coordinator

July 2019 – May 2020

- Engineered engaging educational demonstrations, facilitating the comprehensive understanding of STEM concepts.
- Consulted MechSE faculty to produce optimized demonstrations appropriate to their respective curricula.

American Mensa, Area Coordinator – Champaign County

July 2019 – December 2019

- Collaborated with chapters to oversee the society's newsletter and coordinated monthly activities; Class IV Emerald.

PATENT & CERTIFICATION

- Anti-Lock Braking System – Internal ID: ERC65384 | Certified Graduate Engineer
- Enrolled in Adventis's Financial Modeling Certification (FMC®) Program
- Meritorious Project Award (Manufacturability) – Top 5 of 180
- Outstanding Achievement Award for Excellence in Engineering Design – Top 5 of 210

Tata Motors

Gies College of Business

Dr. Leon Liebenberg

Dr. Michael L Philpott

TECHNICAL SKILLS

- Design for Six Sigma, DFMA, FMEA, GD&T, PLM, RCA
- CAD, MATLAB, Java, Python, MySQL, Linux, JIRA, Git
- Systems Integration, Software Testing, Network Protocols
- Financial Modeling, Valuation Modeling, Equity Research

LANGUAGES

- English Native
- Tamil Native
- Hindi Native
- Spanish Conversational

