**Srushti Vaidyanathan**

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**EDUCATION**

**Purdue University** – West Lafayette, IN 2027

* Major: Computer Science BS
* GPA: N/A
* Relevant Coursework: Object Oriented Programming (Java), Data Engineering in Python, Multivariate Calculus

**Prior Lake High School** – Savage, MN 2023

* GPA: 3.99/4.0
* Salutatorian
* Relevant Coursework: AP Computer Science A, Intro to Python, Intro to JavaScript, AP Calculus BC

**WORK EXPERIENCE**

**India Association of Minnesota (Intern)** – St. Paul, MN 2022

* Developed and maintained website using Joomla and CSS
* Coordinated Indian cultural events and community service projects; raising over $200,000 for COVID relief

**Mathnasium (Lead Instructor)** – Savage, MN 2019 –2022

* Tutored K-12 in mathematics up till Calculus II, with focus on special education students
* Taught preparatory courses, such as military entrance exams, ACT and SAT prep

**Minnesota Aspirations in Computing** 2019-2022

* Job shadowed with Canon Medical: Coded product testing program to test MRI software
* Job shadowed at Pentair: Learned basics of cybersecurity software and ethical hacking

**LEADERSHIP**

**KING TeC FIRST Robotics (Enterprise-Wide Captain, Head of CAD)** 2014-2023

* Mentored K-12 robotics programs in programming, CAD, and mechanical concepts
* Organized outreach and fundraising events to promote STEM programs in schools
* Designed a full scale functioning robot (26’’x26’’x54’’) using CAD modeling and simulations
* Fabricated parts using industrial machines: CNC mills, lathe, band saw, sander, etc.
* Developed and maintained team website using CSS, HTML, and WordPress

**Youth 4 Youth: American Red Cross Chapter (Co-Founder, Treasurer)** 2021-2023

* Fundraised for projects and events in collaboration with the school and the American Red Cross
* Planned service events and led meetings
* Assembled and donated care packages and meals to homeless shelters, made tie blankets for Gillette Children’s Hospital, ran blood drives, connected students and local VFW veterans as pen pals

**National Honor Society (Treasurer)** 2021-2023

* Ran weekly meetings, events, and member induction; handling all monetary responsibility
* Arranged blood drives, raised over $10,000 to donate prosthetics and over $4,000 for Leukemia research
* Volunteered 300+ hours

**ADDITIONAL**

**Technical Skills**: Competent in Java, Python, JavaScript; proficient in Autodesk Inventor CAD/CAM; competent in Joomla, WordPress; experienced in using CNC mills

**Soft Skills:** Public speaking, design and prototyping, planning and management, 95 WPM

**Languages:** Fluent in English, Hindi, Konkani; Conversational Proficiency in Spanish, Tamil

**Awards:** Target Women in Science and Technology EPIC Award (2022), National Speech and Debate Degree of Distinction (2022), Distinguished Board Scholar (2020-2023), AP Scholar with Distinction (2022)