

# Raj Pabari

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Get in Touch with Me

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Driven, inquisitive, outgoing self-starter with a passion for combining math, computer science, and business.

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## EXPERIENCE AND PROJECTS

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- **Amazon**, *Software Engineering Intern* - Working on the Supply Chain Optimization Technologies team.
- **SalesBoom.AI**, *Founder/CTO* - Harnessing generative AI for personalized outreach at scale. Creating customized sales emails in seconds, saving salespeople time while increasing conversions.
- **EMD Electronics**, *Data Engineering Intern* - Innovated in specialty gases for semiconductor manufacturing by drawing insights from machine learning and data science fundamentals.
- **Northrop Grumman**, *Software Engineering Intern* - Contributed to classified military projects, hardened software systems, and updated code in accordance with modern standards.
- **Off Grid Technologies, Inc.**, *Founder/CEO* - Developed a portable generator that harnesses the energy of streams and rivers to charge mobile devices without the power grid.
- **SuperScript**, *Co-Founder* - Created for Stanford's Startup Garage course, SuperScript is a software platform that helps independent specialty pharmacies automate collection and delivery of patient data.
- **TutorsForGood.com**, *Founder* - Operated a peer-to-peer tutoring organization with 15 tutors, making a social impact with an innovative business model and over \$10k of impact.
- **PatchTrackr**, *Contributor* - Created for Stanford's Building for Digital Health course, PatchTrackr is an iOS app that leverages AR, Swift, and Firebase to facilitate the remote assessment of contact dermatitis.
- **DNA Storage**, *2020 Science Fair* - Developed a Google Cloud based solution to archive digital data using synthetic DNA. Partnered with Thermo Fisher for DNA synthesis and sequencing. Awards include: 1st Place Countywide in Computer Science, Armed Forces Communication and Electronics Association (AFCEA) Scholarship, Society of American Military Engineers Scholarship, Sigma Xi Scholarship, and California State Science Fair Qualification.
- **Robotics**, Contributed to various projects, including using computer vision to shoot balls into a target, autonomously controlling robot motion, and programming a UR 3E collaborative robot (robotic arm).
- **The Entrepreneur Academy**, *Lead Instructor & Mentor* - Teaching 75+ high school students how to take a company from an idea to a full investor pitch deck in a 5-month course.

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## EDUCATION

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- **School:** Stanford University freshman (Major in Math + Computer Science)
- **GPA:** 3.76, **ACT:** 36 (Perfect Score)
- **Relevant Coursework:** Deep RL, Linear Algebra, Probability, Graph Theory, Data Structures, OOP

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## SKILLS

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- Proficient in Python, Java, Raspberry Pi/Linux, Google Cloud Platform, SolidWorks, Git, and 3D Printing
- Basic knowledge of AWS, React, HTML, JavaScript, C++, WordPress, Cloudflare, and Adobe Illustrator
- REC Innovation Lab Certifications: Leadership Development, Virtual Communication, Web Development

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## PRESS, AWARDS, AND HONORS

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- [Spirit of Service Recognition](#) - CA Governor
- [Young Social Impact Hero](#) - Authority Magazine
- [Guest Speaker](#) - TEDx Talk, TIECon, Conscious Capitalism, Western Mass. Business Show, and more
- REC Innovation Lab and TYE San Diego Pitch Competitions - Off Grid Technologies, 1st Place
- Securities Industry and Financial Markets Association (SIFMA) InvestWrite - 1st Place Nationwide
- SEMI High Tech U at Nordson - Leadership Ambassador and Scholarship Winner