

ISHAAN BANSAL

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EXPERIENCE

Collegiate – *Cofounder*; San Jose, CA March 2022 - Present
Startup specialized in providing students with personalized mentorship to excel in their higher education and early career

- Engineered mSync (messaging proxy) resulting in \$8000/yr savings in Slack and a streamlined client/consultant communication
- Created Nexus, an AI recommendation tool, facilitating optimal student-mentor pairings, resulting in higher client satisfaction
- Spearheaded a sales team and free trial to showcase the value of personalized mentorship to leads resulting in **\$130K sales (2023)**
- Developing a GPT Agent on Open AI to help students edit college application essays using the Collegiate Writing Curriculum

UC Santa Cruz – *CIED Lead (Center of Innovation and Entrepreneurship Department)*; Santa Cruz, CA September 2023 - Present
• Collaborating with 24 aerospace engineering students from Mexico to teach the design thinking process and pitch business ideas
• Publishing finalized course content to Coursera to develop an entrepreneurship certification for the University of California

Aegis – *Developer*; San Ramon Valley Unified School District July 2021 – January 2022
• Engineered real-time weapon and violence detection using existing CCTV infrastructure and ML to combat rising shooting threats
• Facilitated meetings with district superintendent, tech department, and city police department to integrate Aegis and train faculty

Exalt Card – *SWE Intern*; San Francisco, CA June 2020 - September 2020
• Developed a signup and referral system on the landing page to track product interest and drive sales, generating 30,000+ signups
• Analyzed competing FinTech startups to identify high-ROI solutions that could easily be implemented to attract more cardholders
• Coordinated team of seven to pitch/contact businesses in the SF area to pilot the card's launch, successfully capturing 120 signups

HACKATHON PROJECTS

Echo – 1st Place MIT Hacks (MIT's annual hackathon) September 2023
• Developed Biometric Multi-Factor Authentication protocol on Solana Blockchain for real-time identify verification on any device

Creator Capital – 2nd Place NYU Hacks (NYU's annual hackathon) February 2023
• Developed a platform where content creators can crowdfund projects and ideas from fans in exchange for equity in their brand

Specto – Top 5 and honorable mention from Google Cloud at LA Hacks (UCLA's annual hackathon) March 2020
• Built a wearable accessory that can clip onto a user's glasses or t-shirt to aid blind and deaf people in navigating city environments
• Developed a blind and deaf protocol to take a camera or microphone feed and convert it to text, photos, or audio accordingly

Additional Hacks: [Project Portfolio](#), [Cruz Hacks 2nd Place \(2023\)](#), [Princeton Hacks Most Innovative \(2022\)](#)

LEADERSHIP EXPERIENCE AND ACTIVITIES

Delta Sigma Pi (*Professional Business Fraternity*) March 2023 - Present
• Orchestrated a series of engineering networking events broadening fraternity engagement with CS and engineering talent

Google Developer Club – *Engineering Team* September 2022 - Present
• Developed [GLYTH](#) web app to visualize deforestation through annotated satellite imagery, interactive maps, and AR/VR simulation
• Collaborating with an environmental startup, [ReWorld](#) to provide data visualization in rehabilitated forests in Columbia/Venezuela

Boy Scouts of America – *Eagle Scout* March 2016 – December 2020
• Learned to problem solve, lead, and communicate by holding 5+ leadership positions ranging from Webmaster to Patrol Leader
• Eagle Project | Developed a website to serve as a guide for schools transitioning to online learning during the peak of COVID

EDUCATION

University of California Santa Cruz June 2025
Computer Science, BS

ADDITIONAL INFORMATION

Languages/Technologies: Python, JS, TS, React, Vercel, Prisma, Node, Express, Firebase, OpenCV, Tensorflow, Git, Bash, AWS, Raspberry Pi, Twilio, CAD, Solana, Underdog Protocol, Helius, Flask, Google Cloud, HTML, CSS, Zapier

Tools/Frameworks: Notion, Agile, SCRUM, Stripe, Gusto, Quickbooks, Mercury, Github, Figma, Canva, Final Cut Pro, Autodesk

Languages: Native English, Advanced in Hindi, Basic Knowledge of Spanish

Interests: Lifting, Formula 1, Startups, Transforming Education, Camping, Hiking, Photography, Tennis