

# RISHIKESH SADANANDAN

[rms13@illinois.edu](mailto:rms13@illinois.edu) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

**University of Illinois at Urbana Champaign** | *B.S COMPUTER ENGINEERING*

**Graduating: May 2026**

*Related Coursework:* Applied Parallel Programming, Digital Signal Processing & Python Lab, Analog Signal Processing, Digital Systems Laboratory, Probability with Engineering Applications, Data Structures

## WORK EXPERIENCE

**Co-founder and Software Engineer** | Poetic

**Champaign IL** | Oct. 2021 — June 2023

- Recorded nearly 250 hours of co-working across four semesters to develop a full-stack globally distributed web and iOS app designed for aspiring songwriters, from landing pages and hosting infrastructure to written business plans and 80+ customer interviews
- Developed and migrated a Create React App on AWS Amplify with Lambda to Next 13's App Router on Vercel, yielding 26% less code
- Fine-tuned GPT-2 with Google CLP on 100MB of hand-picked lyric data to build a serverless REST API with SageMaker and Gateway to produce high-quality lyric completions, reduce latency by over 10x, and improve developer experience
- Collaborated seamlessly in multidisciplinary teams of ex-Amazon designers and University business students, ensuring cohesive integration between technical and business requirements, resulting in improved value offerings and a successful alpha launch

**Program Fellow** | iVenture Accelerator

**Champaign IL** | May 2023 — July 2023

- Collaborated with the top 12 student-run startups on campus, leveraging technical and interpersonal skills to impact familiar student-founders and web-based projects, fostering a growth-oriented and community-centric approach to entrepreneurship
- Worked closely within a community of 300+ entrepreneurial leaders to help steward the iVenture summer curriculum, including speaker series, workshops, and networking events, yielding continuous personal and professional development
- Spearheaded 13 team-bonding events that showcased the accelerator's diverse culture and ensured guests felt appreciated through meaningful introductions and gift-giving practices, reflecting the values of the program with fervor and clarity

**Cohort Member** | iVenture Accelerator

**Champaign IL** | May 2022 — May 2023

- Communicated venture progress across 34 All-Hands and 42 Board meetings, highlighting key milestones and challenges while sharing advice and networking opportunities throughout the accelerator community, demonstrating the ability to be a community member
- Engaged in a curriculum of 40+ hours of impactful lectures delivered by successful venture practitioners and renowned experts about topics including human-centered design, team roles, user research, storytelling, pricing, fundraising, pitching, and legal strategies
- Secured \$12k+ in funding following acceptance into the program, no equity taken

## EXTRACURRICULAR EXPERIENCE

**Speaker & Startup Representative** | Engineering Open House

**Champaign IL** | Mar. 2023

- Showcased my startup at the University's premiere engineering exhibition by delivering a 2-min pitch comprising panel judges and engaging among the 50,000+ unique attendees including students, families, and professors

**Speaker & Startup Representative** | iVenture Demo Week

**Chicago IL** | Aug. 2022

- Delivered 5-min pitch to a high-profile audience of 200+ investors, lawyers, and UIUC alumni in Chicago's entrepreneurial ecosystem along a week-long tour across the city, meeting with influential organizations including Origin Ventures, Much Law, and mHUB
- Performed a 50s rap with two weeks of paired-pitch practice to successfully demonstrate our product, capture the attention of a diverse audience, and garner connections at the intersection of natural language processing professionals and artistic talent

**Cohort Member** | National Science Foundation's I-Corps

**Great Lakes Region** | Jun. 2022 — Aug. 2022

- Conducted 40+ customer interviews over eight weeks to identify and validate customer pain points, analyze and implement interview data alongside team members, and refine business assumptions and strategy through a lean curriculum designed by Steve Blank

**Judge** | Zero2One Demo Day

**Urbana IL** | Feb. 2023

- Evaluated pitches from a cohort of startups, providing constructive feedback on value proposition, storytelling, and product while fostering a supportive, learning-focused environment by commending students for their vision, mission, and dedicated work
- Offered practical mentorship and motivation to dedicated students by openly discussing collective entrepreneurial and personal goals, demonstrating values of trust, peer support, and connection

## SKILLS

**Languages/Libraries:** HTML, CSS, JavaScript, Node.js, React/ReactNative, C, C++, CUDA, SystemVerilog, Python, Flask, Swift/SwiftUI

**Technologies/Frameworks:** AWS (Amplify, Lambda, API Gateway, SageMaker, S3, Route 53), Next.js, Vercel, Remix, SST,

TailwindCSS, Prisma, PlanetScale, NextAuth, remix-auth, FPGAs, Docker, Firebase, Supabase, OpenAI API, Huggingface, Google CLP