

Rohan Vanjani

(630) 453-4452 • rohanvanj21@gmail.com • vanjani3@illinois.edu • [in](https://www.linkedin.com/in/rohan-vanjani-2025) linkedin.com/in/rohan-vanjani-2025

EDUCATION

University of Illinois at Urbana-Champaign

August 2021 - May 2025

Bachelor of Science in Mathematics & Computer Science, Sophomore

G.P.A 3.91/4.00

- *Relevant Coursework:* Data Structures, Fundamental Mathematics, Probability & Statistics, Computational Linear Algebra
- *Technical Skills:* C++, Python, Java, React, SQL, HTML, CSS, Android Studio, JavaScript, Flutter, Google Cloud, Git

INTERNSHIPS AND PROJECTS

Zebra Technologies

Lincolnshire, IL

Software Engineer Intern

May 2022 – August 2022

- Implemented Python programs to diagnose 200+ faulty printers and determine user-statistics for our ZSB mobile app
- Assisted in integrating a Bluetooth Low Energy sensor device into a mobile Flutter application in Android Studio
- Designed a Grafana dashboard for viewing 100% of customer errors compiled using Google Cloud and Big Query

Hack4Impact UIUC

September 2022 – Present

Software Developer

- Building React web application for a nonprofit geared towards providing voting information to people with disabilities
- Collaborating with 8 other developers to release 30+ new features in preparation for the 2022 State Primaries
- Implemented a webpage to display local polling information sourced from the BallotReady and Google Civic APIs

SiteInnovator, website development and online marketing company

Naperville, IL

Lead Web Developer

March 2019 – February 2021

- Designed websites for local businesses with WordPress & Elementor to help increase site traffic and improve SEO
- Met periodically with 2 - 3 clients to address any concerns regarding website layout, functionality, and marketing

PROJECTS AND LEADERSHIP

ReCalendar

August 2022 - December 2022

Designed a Full Stack web application to aggregate and display course assignments

- Utilized Typescript and JavaScript in React.js platform to build a stylistic user-facing frontend framework
- Developed the backend framework using Python and Flask to communicate with a student's Canvas API

Mosaic Image Generator

November 2022

Created C++ program to create an image mosaic from 1000+ tile images

- Implemented KD Trees, efficient DFS, BFS, and nearest-neighbor search algorithms to match pixels to image colors
- Manipulated LUV pixels in a PNG image to calculate average tile image color and match tiles to pixels in the mosaic

Alpha Kappa Psi Professional Business Fraternity

September 2021 – Present

Technology Chair

- Updated the Epsilon Chapter website to make a more detailed but user-friendly design, reducing click time by 5%
- Coordinated with Rush and Executive teams to advertise and provide up-to-date information on the Rush Process

Illinois Business Consulting, largest student-run consulting organization in the US

September 2021 – January 2022

Consultant

- Worked with a chemical additive manufacturer for batteries in East Asia to assess 6 potential R&D projects
- Developed product scorecard recommendations for 20+ chemicals and an industry roadmap for the next 3 - 5 years

INTERESTS

Music Production, Volleyball, Ultimate Frisbee, Programming, Teaching, *The Office*, Basketball, Cello, Investing, Cooking