

ANAND KRISHNAN

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN (UIUC)

August 2022 – May 2026

Bachelor of Science in Computer Science

GPA: 3.5/4.0

Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Linear Algebra, Discrete Structures

Honors: Chancellor's Scholar (UIUC Campus Honors Program), Omron National Merit Scholarship winner

EXPERIENCE

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

June 2023 – present

Data Scientist

- Engineer and deploy advanced data visualization applications in R Shiny, meticulously summarizing and visualizing 7,000+ NASA investments in Applied Sciences spanning 15 years.
- Provide NASA program managers with a comprehensive toolset to assess project success rates and diversity, enhancing data-driven decision-making in accordance with the [FAIR principles](#).
- Presented actionable insights and visualizations to NASA Applied Sciences Program leadership.

UIUC CAMPUS HONORS PROGRAM (CHP)

September 2022 – present

Website Administrator

- Spearhead the design and development of the front-end content for the CHP website, utilizing WordPress to create an engaging and user-friendly online platform.
- Leverage PHP and SQL to maintain and optimize the CHP database while ensuring data integrity and accessibility.
- Automated the time-consuming general education credit petition process using Python.

CROWD DYNAMICS LAB

September 2022 – present

Undergraduate Research Assistant

- Conduct market research to identify specific “market baskets” on e-commerce sites to be audited for price fairness.
- Scrape product information and price data by writing Selenium Python scripts to study identified market baskets.
- Analyze the collected data using Bayesian models to determine whether price discrimination has occurred.

BICYCLE PARKING PROJECT

February 2023 – present

Founder and Software Developer

- Developing a mobile application using Android Studio that displays 5,000+ bicycle parking spots in Chicago.
- Extracted precise bike parking coordinates from the official [chicago.gov](#) website and seamlessly integrated them into a dynamic cloud database using Google Firebase.
- Visualized bike parking locations on an interactive map by querying the Firebase database and harnessing the capabilities of the Google Maps API.

VEGANME

Founder and Software Developer

June 2019 – August 2019

- Founded [VeganMe](#), a dynamic web platform utilizing a stack of HTML, CSS, and JavaScript, with the aim of assisting vegans in meeting their daily recommended nutrient requirements.
- Developed features including a nutrient tracker, recipe list, blog, and grocery list manager.
- Won “best programming project” in the Camp Khan 2019 summer competition, hosted by Khan Academy.

VOLUNTEERING

ILLINOIS STUDENTS CONSULTING FOR NON-PROFIT ORGANIZATIONS (SCNO)

September 2022 – present

Client Relations Partner

- Mentor project manager and consultants on the team to develop their research techniques and slide design methods.
- Pitched SCNO to 20 prospective nonprofit clients and ultimately selected 12 for Fall 2023.
- Previously led 4 consultants as a project manager to assist the client with Salesforce data migration.

STARVED ROCK HIKERS

December 2022 – present

Website Administrator

- Manage the Starved Rock Hikers Wix website with the goal of enhancing users' Starved Rock hiking experience.
- Designed an [event finder](#) feature to connect users with upcoming events at Starved Rock State Park.
- Partnered with local businesses to promote Starved Rock merchandise products to support the local economy.
- Increased overall site sessions by 79% and post views by 335% in the span of two months.