

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: Intro to CS (Java, C++), Discrete Structures, University Physics, Calculus III

EXPERIENCE

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

June 2023 – present

Data Science Intern

- Develop reproducible data visualization notebooks in R summarizing NASA investments in the Applied Sciences to gauge project success rates and diversity (in terms of field of study, research organizations, location, and funding)
- Create visualizations using the [FAIR principles](#) by which NASA program managers can gain insights into past program investments, and plan accordingly for future investments
- Present findings to the NASA Applied Sciences Program leadership and to peers at internship forums
- Actively participate in NASA applied and data science workshops and attended guest speaker events

UIUC CAMPUS HONORS PROGRAM (CHP)

September 2022 – present

Website Administrator

- Design front-end content of the [CHP website](#) using WordPress
- Maintain CHP website's back-end database system using PHP and SQL
- Automate general education credit petition process using Python Pandas to save CHP employees time and effort

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

PERSONAL DATA SCIENCE PROJECT

May 2023 – May 2023

Data Scientist

- Developed a [dashboard](#) using RMarkdown to identify the 2022 T20 Cricket World Cup's Team of the Tournament
- Cleaned, filtered, and sorted cricket match data using R to rank player performance across various metrics
- Visualized player data using scatterplot3d to comparatively illustrate player performance

VEGANME

Founder and Software Developer

June 2019 – August 2019

- Founded [VeganMe](#) using HTML, CSS, and JS to help vegans meet their daily recommended nutrient quotas
- 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, for “creating something that can change the future”

VOLUNTEERING

ILLINOIS STUDENTS CONSULTING FOR NON-PROFIT ORGANIZATIONS (SCNO)

September 2022 – present

Client Relations Partner

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

STARVED ROCK HIKERS

December 2022 – present

Website Administrator

- Maintain Starved Rock Hikers website on Wix 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
- Increased overall site sessions by 79% and post views by 335% in the span of two months

HONORS

UIUC: Chancellor's Scholar (UIUC Campus Honors Program)

High school: National Merit Scholarship Winner, National Honor Society, Academic Scholar, IHSA All-Academic Team