

Uday Krishna Kalra

udaykrishna25@berkeley.edu | 510-570-7520 | Github: [uday](#)
2700 Hearst Ave, Berkeley, CA

EDUCATION

University of California, Berkeley

Bachelor of Arts in Applied Mathematics; GPA: 3.73/4.0

Berkeley, CA

Expected May 2022

The Heritage School, Vasant Kunj

Completed grade 9, 10, 11, 12; GPA: 3.8/4.0

New Delhi, India

Aug 2014 - May 2018

LEADERSHIP

- **President, Ecology Club, The Heritage School:**

Sensitize the students and neighborhood to create a clean and green consciousness and educate them to refrain from indiscriminate burning of waste through open-orientation programs

Headed a team of 4 in a state-level event seeing participation from 100+ schools, where teams had to judiciously allocate funds to improve the condition of a neighborhood park

- **Math Teaching Assistant, The Heritage School, Vasant Kunj:**

Initiated a 6-month Remedial Class Program to tutor a class of 20+ 6th grade students struggling with math

On completion of the program, the class outperformed by 20% in their year-end examination

EXTRA-CURRICULAR ACHIEVEMENTS

- **Lead Indian Classical Music Vocalist, Delhi student chapter, Gwalior Gharana:**

5th year degree holder from the reputed Prayag Sangeet Samiti, Allahabad with distinction in Sangeet Prabhakar

Judged multiple state-level classical music competitions organized by 'Itihaas' fraternity

- **Author, "Over the Years" - A unique compilation of 23 English short poems:**

Explores various ideas and themes prevalent with today's youth - power, dreams, sexual discrimination etc.

Published and sold 200+ copies till date with profits donated towards 'Nai Disha School for the Underprivileged'

WORK EXPERIENCE

- **Summer Intern, Canara, HSBC, OBC Life Insurance Pvt. Ltd.:**

Working with a team of ten under the Actuarial Department of the company

Analyzed company's various products to calculate the annual premium and terminal benefits of policy holders

- **Research Intern, International Internship Program, LEAD India:**

Part of the research team engaged in discovering optimal and greener strategies for preservation of water bodies

Undertook planning and execution of the research assignments under climate change and water governance programs for training purposes

COMMUNITY SERVICE

- **Volunteer, Centre for Environment Education, Ministry of Environment:**

Coordinated efforts among a team of 10 to install systems for rainwater harvesting and waste management in multiple schools in South Delhi, successfully reducing the schools' overhead cost by 20% on an annual basis

Responsible, as relationship manager, for 6 schools enrolled under the program

- **Research Volunteer, Praxis Institute for Participatory Research, Delhi:**

Volunteer for a project involving investigating public policies and child labor protection laws in various Asian countries

Research was used to build a system to rate business organizations on the efficiency of their CSR practices

RESEARCH PROJECTS

- **Demographic Index Project:**

Surveyed a sample of an urban neighborhood and created demographic index for the same highlighting the statistical indicators such as literacy rate, birth and death rate, life expectancy, net enrollment rate etc.

Analyzed the results to comment on the current demographic trend in India

- **Human Capital Formation Project:**

Analyzed and Examined the Education, Health, and skill development statistical indicators and policies implemented by the India and United States over a period of 50 years

Summarized the difference in their outlook towards policy formation and current socio-economic trend of the world

- **Segment Analysis Project:**

Analyzed and compared the annual segment reports and cash flow statements of Adidas co. for year ending Dec 31, 2016 and 2017

Elucidated the reasons for a segment to be performing the best and worst contributing most and least in terms of profit, revenue, and Return on Investment in the two years

Highlighted the main reasons for the change in cash flow position of the company