

SHEILADITYA KUMAR

Statistician | Data Scientist | Graduating 2021

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Mission to craft cutting edge insights that make dreams a reality.

Let's build a better world together.

OBJECTIVE

- Extremely motivated Junior year Statistics Student pursuing internships in the trading and data analysis fields.

EDUCATION

B.S.L.A.S. Statistics | University of Illinois at Urbana-Champaign

MAY 2021

- Minor in Mathematics.
- Member of the American Nuclear Society at UIUC.

International Baccalaureate Diploma Program | Dubai American Academy

APRIL 2017

- Completed the IB Diploma program; member of Varsity Football (Soccer) and Baseball.

PROFESSIONAL EXPERIENCE

December 2019 Research Assistant, CENTER FOR PLASMA-MATERIAL INTERACTIONS, Champaign, IL, US

July 2018

- Conducted experiments, collected, cleansed and analyzed data under timed conditions..
- Collected and analyzed langmuir probe data from various plasmas in programs such as python and MATLAB.
- Processed data needed for plasma and laser diagnostics.
- Worked effectively with a diverse and constantly evolving team.

October 2015 Marketing Intern, COLGATE-PALMOLIVE, Bangkok, Thailand

August 2015

- Designed surveys for marketing teams.
- Managed and cleansed data.

SKILLS

- Proficient in numerical modelling programs - MATLAB.
- Skilled in data analysis languages like Python, R (RStudio), and SAS.
- Expertise in creating and fitting models using methods such as Regression, Linear Discriminant Analysis (LDA), and Principal Component analysis (PCA).
- Broad exposure to mathematical and statistical subjects with the ability to solve complex problems effectively.
- Extremely comfortable working with diverse and multicultural teams.

SOCIAL OUTREACH

- Campaigned and Blogged against Human Trafficking throughout my high school years, first through the S.T.O.P (Stop Trafficking of People) in Bangkok, and then through a blog while in Dubai.
- Taught English and Math for a week under the aegis of the Pratham Foundation in the outskirts of Delhi.

PROJECTS AND PUBLICATIONS

ANS STUDENT CONFERENCE

APRIL 2019

[🔗](#) Poster - ANS 2019

Conceptualized, researched and designed poster on electron temperatures and densities as a function of Oxygen and Argon gas pressures for the 2019 American Nuclear Society's annual student conference. Click on poster link if electronic, also available on my github.

AWARDS AND HONORS

DUKE OF EDINBURGH GOLD AWARD
JUNE 2017

[🔗](#) Certificate - DofE Gold
Gold Standard of the Duke of Edinburgh International award.

INTERESTS

- Incredibly passionate about trading (especially options trading), game theory, and kinesics. Studied and played poker for 8 years. Recently successful stock trades : Inovio, Tesla, AMD.

LANGUAGES

English	●	●	●	●	●
Hindi	●	●	●	●	●
French	●	●	●	○	○
Bengali	●	●	○	○	○