





SHEILADITYA KUMAR

Statistician | Data Scientist | Graduating 2021

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Senior Year Statistics Student.

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

Let's build a better world together.

SKILLS

- Significant experience in programming languages such as C++, and Python
- Proficient in numerical modelling programs - MATLAB
- Skilled in data analysis languages like R, Python, and SAS
- Broad exposure to mathematical and statistical subjects with the ability to solve complex problems effectively
- Extremely comfortable working with diverse and multicultural teams

PROFESSIONAL EXPERIENCE

January 2020 May 2020	Course Grader, ECE 205 - UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN, Champaign, IL, US <ul style="list-style-type: none">> Graded the Introduction to Electronic Circuits course at UIUC. <div>Teamwork Mentorship Circuit Diagnostics</div>
December 2019 July 2018	Research Assistant, CENTER FOR PLASMA-MATERIAL INTERACTIONS, Champaign, IL, US <ul style="list-style-type: none">> 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. <div>MATLAB Research Teamwork Python Data Collection Data Processing Microsoft Office Data Analysis Hardware Maintenance Chamber Construction Circuit Diagnostics Leadership LaTeX</div>
October 2015 August 2015	Marketing Intern, COLGATE-PALMOLIVE, Bangkok, Thailand <ul style="list-style-type: none">> Designed surveys for marketing teams.> Managed and cleansed data. <div>Microsoft Office Data Collection Teamwork Surveying Research</div>


EDUCATION

Present	B.S.L.A.S. Statistics University of Illinois at Urbana-Champaign <ul style="list-style-type: none">> Minor in Mathematics.> Member of the American Nuclear Society and Poker Club at UIUC.
2017	International Baccalaureate Diploma Program Dubai American Academy <ul style="list-style-type: none">> Completed the IB Diploma program; member of Varsity Football (Soccer) and Baseball.
2015	International General Certificate of Secondary Education (IGCSE) Bangkok Patana School

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.

Research Data Collection Data Processing Analysis MATLAB Python

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.

INTERESTS

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

AWARDS AND HONORS

DUKE OF EDINBURGH GOLD AWARD
JUNE 2017

 Certificate - DofE Gold
Gold Standard of the Duke of Edinburgh International award.

LANGUAGES

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