

YASHVARDHAN SHARMA

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EDUCATION

MINERVA UNIVERSITY - BACHELOR OF SCIENCE IN CS (MACHINE LEARNING AND AI) **AUG 2021 – MAY 2025**

Part of a hyper-selective program, studying across 7 global cities such as San Francisco, Taipei, Seoul, and London.

COURSEWORK: Algebra, Calculus, Data Structures & Algorithms, Predictive & Causal Inference, Machine Learning

EXPERIENCES

UNDERGRADUATE RESEARCHER, BERKELEY AI SAFETY INITIATIVE **(OCT 2023 - PRESENT)**

- Working at the Weizenbaum Institute, Berlin on a research project to audit Large Language Models (LLMs) for political biases, focusing on their impact on upcoming elections and influence on democratic processes.

OFFICE MANAGER, ML ALIGNMENT & THEORY SCHOLARS (MATS) PROGRAM **(JUN 2023 - SEP 2023)**

- Spearheaded daily operations for a 70-person AI safety research program for 11 weeks, resolving 100+ requests.
- Developed expertise across research streams within AI Safety, collaborating with renowned professionals at OpenAI, Anthropic, and DeepMind, fostering cutting-edge research and career advancement opportunities.
- Established vendor management by leading daily catering of ~5,600 meals to meet the dietary preferences and restrictions of staff and scholars; managed large-scale event planning and budget oversight exceeding \$100k.

FOUNDER & EXECUTIVE DIRECTOR, [TIDINGS MEDIA](#) **(NOV 2018 - SEP 2022)**

- Published 225+ creative non-fiction articles on economics & history reaching 3M+ organically in 190 countries.
- Built partnerships with leading economics publications such as Institute for New Economic Thinking and Marginal Revolution University for exclusive content creation rights.

LEAD WRITING PEER TUTOR, MINERVA UNIVERSITY **(AUG 2021 - APR 2022)**

- Conducted 12 writing workshops, assisting 50+ students in improving their academic writing skills.
- Designed and instructed 4 lessons in bi-weekly writing seminars for 180+ students.

HEAD OF MARKETING AND OUTREACH, ELON MEDIA **(OCT 2019 - MAY 2020)**

- Accelerated growth to 80M+ views and 1.1M subscribers on YouTube (notably [MikeDee](#)).
- Executed marketing campaign leading to 2,000+ sign-ups during pre-launch. \$10,000+ profit in the first month.

PROJECTS

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- **Gene Sequence Finder:** Developed a genealogy tree finder using Dynamic Programming and Levenshtein distance to analyze gene sequencing relationships; using NumPy, Pandas, and Matplotlib in Python.
 - **Covid-19 Simulation:** Modeled COVID-19 dynamics in Lucknow, India using Euler's method, and enhanced the SIRD framework to factor in post-recovery immunity loss with delay differential equations with Python.
 - **Economic Impact of 2014 Invasion of Ukraine:** Extended post-treatment period to 2021, refined donor pool criteria, and assessed predictor balance using synthetic control to analyze the economic impact of hybrid wars.

SKILLS

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- Proficient in Python, R, Machine Learning (Tensorflow, PyTorch, ScikitLearn), Deep Learning (Computer Vision, NLP), Advanced Statistical Analysis and Modeling (Regression, Econometrics, Bayesian Stats, Causal Inference/Synthetic Controls), Data Visualization (Matplotlib, Seaborn), and Project Management.