

Maxwell Chalekson

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Education

Northwestern University (NU) <i>Master of Science in Data Science</i>	September 2025 - August 2026 (expected)
University of California, Los Angeles (UCLA) <i>Bachelor of Science in Statistics and Data Science</i>	September 2021 - June 2025 (expected)

Experiences

UCLA Guang Cheng's Trustworthy AI Lab	Los Angeles, CA September 2024 - February 2025
<ul style="list-style-type: none">- Conducted algorithmic fidelity audits on LLM-generated vs. human-written using BERTScore and RogueScore to assess linguistic similarity and ensure AI-generated content maintains coherence, accuracy, and trustworthiness in real-world applications- Researched GPU memory offloading in LLMs to improve computational efficiency, model scalability, and resource allocation for large-scale AI development	
Undergraduate Researcher	May 2024 - December 2024
<ul style="list-style-type: none">- Integrated an experimental large language model (LLM) into STATS 10 labs, leveraging ChatGPT to enhance student learning and programming application- Assisted in testing and evaluating the LLM's effectiveness, identifying potential misuse, and advocating for its integration to improve learning outcomes in statistical programming	
Undergraduate Teaching Assistant	December 2022 - December 2024
<ul style="list-style-type: none">- Led 12 hours per week of group learning, supporting 320 students per quarter across 6 quarters in mastering statistical programming in R and data analysis concepts- Hosted additional weekly office hours to address student inquiries, review lesson plans, and provide individualized support, improving overall student preparedness- Collaborated with faculty to develop course content and practice exams, ensuring alignment with learning objectives and enhancing student comprehension	
Manhattan West Data Analyst Intern	Los Angeles, CA June 2023 - August 2023
<ul style="list-style-type: none">- Built a cryptocurrency investment trends project, self-teaching web scraping in 6 weeks to extract total address velocity, circulating supply and exchange balance data from Glassnode APIs- Managed 12+ datasets across 6 cryptocurrencies, analyzing financial trends and validating market insights through an alternative approach	

Skills

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- Programming: Python, R, Tableau, SQL, C++, LaTeX, Overleaf
 - Data Science: Machine Learning, Optimization, PyTorch, Scikit-Learn, Data Analysis