Andrei Ivan Thüler

Data Scientist / Data Analyst
London, UK

athuler@uchicago.edu
andreithuler.com
github.com/athuler
linkedin.com/in/andreithuler

Work Experience

Teaching Assistant / *Data Science Institute* / Sep 2024 -
- Hold weekly office hours for 130+ students, debug Python code, and guide them through *Introduction to Data Science I*, and *Computer Science for Data Science*.
- <u>Skills</u>: Python, GitHub, Teaching

Data Science Intern / *Morningstar* / Jan - Mar 2025
- Investigate AI Agents and LLM training methods through UChicago's Data Science Clinic
- <u>Skills</u>: LLMs, AI Agents, Python, SQL, Linux

Data Science Intern / *US Clean Energy* / Jun - Aug 2024
- Developed a user-friendly web-application using Python to analyze federal energy datasets, allowing the team to make tactical and data-driven decisions.
- <u>Skills</u>: Python, SQL, Dashboards

Grader / *Data Science Institute* / Jan 2023 – Jun 2024
- Graded assignments, debugged Python code and answered questions for 430+ students in 7 classes.

Production Manager / *University Theater* / 2023 - 2025
- Led the ~35 person crews of *Be More Chill* (2023), *The Play That Goes Wrong* (2024), and *35MM* (2025)
- Ensure safe, on-time, and in-budget productions.
- Navigated several safety concerns and inter-personal conflicts to get the productions to completion

Videographer / *University of Chicago* / Oct 2021 -
- Film student-plays and coordinate logistics alongside each show's creative teams and professional staff.

Press

"My.UChicago Vulnerability Could Have Exposed Students' Class Schedules" ([link](#))
- Exposed a cybersecurity vulnerability at UChicago which could have leaked personally identifiable information in violation of FERPA.

Skills

Experienced: Python, Git, PHP, MySQL, HTML/CSS, Linux, nicegui, Pandas, Matplotlib, R, API, Linux
Intermediate: LLMs, AI Agents, GCP, JavaScript, AWS, Google Cloud, Docker, Kubernetes

Languages

French	English	German	Russian
fluent	fluent	intermediate	intermediate

Academics

The University of Chicago / Sep 2021 - Jun 2025
- B.S. Data Science
- <u>Minor</u>: Science Communication & Public Discourse

Open Classrooms / 2014 - 2018
- College-level courses in Python, HTML, CSS, PHP, C, Bootstrap, Git, GitHub, Ruby, and WordPress

Personal Projects

UChicago Shuttle Tracking ([link](#))
- Analyzing the performance of the UChicago transit system using a custom application running on Google Cloud. The data are then distributed using a custom API and displayed on a dashboard.
- <u>Skills</u>: Python, PHP, SQL, Plotly, API, WebSocket

PassioGo API ([link](#))
- Python package providing an easy way to interact with 250+ transit networks run by PassioGo
- <u>Skills</u>: Python, API

CGP Grey's Rock Paper Scissors ([link](#))
- Statistical analysis of an internet-wide game of Rock Paper Scissors with 2.6 million players
- <u>Skills</u>: PHP, JavaScript, YouTube API

Explore more projects at [andreithuler.com/projects](#)

Awards & Achievements

Prize Winner / *Uncommon Hacks* / Mar 2025
- Won a prize for our team's project [SkyVars](#) which allows easy storage of variables in the cloud

Prize Winner/ *Winter Tech Showcase* / Jan 2025
- My UChicago Shuttle Tracking project was awarded the second-place prize at this UChicago competition

Student Leadership Award / *University of Chicago* / 2024
- Recognition for my significant contributions across multiple student organizations (SLRA Award)

Class Speaker / *Lycée Français de Chicago* / Jun 2021
- Addressed the class of 2021 at convocation

Panel Speaker / *Lycée Français de Chicago* / Mar 2019
- Spoke to donors about technology's role in the classroom at the inauguration of a new school lab.