

## Work Experience

**Data Scientist** / *US Clean Energy* / Aug 2025 - Present

- Designing new data pipelines and maintaining existing data infrastructure
- Automating and improving model performance
- Building web applications for easier model usage, access, and output analysis
- Building custom dashboard pulling in data across the organization, providing actionable insights
- Advising on code management standards

**Teaching Assistant & Grader** / *Data Science Institute* / Jan 2023 - Jun 2025

- Graded assignments, debugged Python code and answered questions for 430+ students in 7 classes.
- Held weekly office hours for 130+ students, guiding them through complex data science problems.

**Data Science Intern** / *Morningstar* / Jan - Mar 2025

- Investigated AI Agents and LLM training methods through UChicago's Data Science Clinic

**Data Science Intern** / *US Clean Energy* / Jun - Aug 2024

- Developed a dashboard analyzing federal datasets, allowing the team to make data-driven decisions.

**Production Manager** / *University Theater* / 2023 - 2025

- Led the 35-person crews of three productions to ensure safety, timeliness and budget compliance

**Videographer** / *University of Chicago* / Oct 2021 - Jun 2025

- Filmed and edited 136 shows. Coordinated logistics alongside each creative team and professional staff.

## Academics

**The University of Chicago** (online) / Sep 2026 - Sep 2027

- Master of Science in Applied Data Science

**The University of Chicago** / Sep 2021 - Jun 2025

- Bachelor of Science in Data Science
- Minor: Science Communication & Public Discourse

**Open Classrooms** / 2014 - 2018

- University-level computer science courses & projects

## Skills

**Programming:** Python, PHP, JavaScript, SQL, R, Bash

**Data & ML Tools:** Pandas, NumPy, Matplotlib, Plotly, LLMs, AI Agents, API Integrations, NiceGui, Flask

**Software & DevOps:** MySQL, Git, GitHub, Docker, Linux, TrueNAS, CI/CD, CDN & Load Balancing

**Web & Cloud:** GCP, Azure, WebSocket, S3

**Languages:** English (fluent), French (fluent), German (intermediate), Russian (beginner)

## Press

**“My.UChicago Vulnerability Could Have Exposed Students’ Class Schedules”** ([link](#))

- Found and disclosed a major cybersecurity vulnerability in a university system which exposed the private information of all students and teachers.

## Personal Projects

**Dropout.tv Media Sharing Analysis** ([link](#))

- Determined the popularity of moments in television show episodes by analyzing clips shared online.
- Using audio fingerprinting, I identified from which episode (and when specifically) a clip came from, allowing me to compute the most popular moments.
- Skills: Python, MySQL, Audio Fingerprinting

**UChicago Shuttle Tracking** ([link](#))

- Analyzed 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.
- Skills: Python, PHP, SQL, Plotly, Google Cloud

**PassioGo API** ([link](#))

- Python package to interact with 250+ transit networks run by PassioGo (9k+ downloads)
- Skills: Python, API, PyPi

**CGP Grey’s Rock Paper Scissors** ([link](#))

- Statistical analysis of an internet-wide game of Rock Paper Scissors with 2.9 million players
- Skills: PHP, JavaScript, YouTube API

**NASA Mars Rover Timelapse** ([link](#))

- Python package to generate timelapses from any Mars rover using NASA’s Mars Rover Photo API.
- Skills: Python, OpenCV, Pillow, API

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

## Awards & Achievements

**Campus Life & Leadership Award** / Apr 2025

- Recognition for my extensive contributions to the University of Chicago campus life.

**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 won the second-place prize at this technology showcase.

**Student Leadership Award** / *University of Chicago* / 2024

- Recognition for my significant contributions across multiple student organizations (SLRA Award).