

Alexander Eckinger
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5312 S. Greenwood Ave Apt. 2, Chicago IL, 60615

EDUCATION

The University of Chicago

Bachelors of Arts, Computer Science and Political Science

GPA: 3.395

Relevant Coursework: Advanced National Security Strategy, Quantitative Method for Political Science, Data Science for Computer Scientists, Numerical Linear Algebra, Global Society I-III

Los Altos High School, Foothill Community College Dual Enrollment

Diploma

High School GPA: 4.33

Chicago, IL

Expected, June 2025

Los Altos, CA

June, 2020

EXPERIENCE

UChicago Harm Reduction Program

Data Scientist

- Visualized public health data relating to overdoses
- Created maps in R for the Illinois Harm Reduction & Recovery Coalition to lobby Illinois State House
- Researched and parsed through Illinois Dept. of Public Health datasets (R)

UChicago Dept. of Geophysical Sciences

Research Assistant

- Assisted Dr. Ellen Price in modeling exoplanet transits, visualizing transits with Python (pandas + matplotlib)
- Submitted scripts taking 100s of CPU-hours to UChicago's Midway supercomputer

UChicago Phoenix Outdoor Program

Backpacking Guide

- Lead incoming first-years in outdoor orientation program
- Administered medical aid, cooked, and guided first-time backpackers

LEADERSHIP & ACTIVITIES

The Gate, Institute of Politics

Writer

- Produce articles for the University's Institute of Politics publication
- Work closely with editor to fine-tune writing

UChicago Climbing Club

Outdoor Event Coordinator

- Plan and execute outdoor events, entailing technical ropes rigging, first aid, and supervising climbing
- Headed trip of 30+ students to Southern Illinois for bouldering gathering

Los Altos Town Crier

Editorial Intern

- Composed articles for the local newspaper, written in AP Style
- Interviewed doctors, community organizers, nonprofit leaders, scientists, and more

CERTIFICATIONS/AWARDS

US Cyber Challenge Camp

Finalist

- Placed on the leaderboard of a Department of Homeland Security cyber-security competition
- Invited to an invitation-only, week-long computer security camp. Emphasis on computer systems and networks

SKILLS/INTERESTS

Languages: English (Native), Spanish (Heritage speaker, Conversational)

Technical: Git, R (tidyverse, ggplot2), Causal Inference, Python (pandas, numpy, matplotlib), C, *nix Systems

Interests: [Reading](#), [Competitive Rubik's Cubing](#), Backpack Guiding, Rock Climbing