Nat Fernelius
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EDUCATION

The University of Texas at Austin | 3.99 GPA through 112 hours
Expected Graduation: May 2023
Majors: Honors Economics and Plan II Honors, with Certificate in Scientific Computation and Data Science

QUANTITATIVE ANALYSIS EXPERIENCE

Ernst and Young AI Computer Science Intern   **June 2021 – July 2022**
- Met with clients and built AI models based on their specifications using Microsoft Azure and Python
- Performed a review of my team's codebase and made recommendations for optimization
- Built AI model architecture for use within firm's internal property tax group
- Offered a full time position in EY's Manhattan office upon completion of the internship

Economics Undergraduate Research Coding Fellowship   **October 2021 – May 2022**
- Selected to manage a quantitative economic git repository for a UT Economics PhD candidate
- Performed weekly coding assignments on project data as directed
- The completed repository was able to scrape, clean, and analyze tens of millions of Airbnb listings over time

Undergraduate Research Assistant   **January 2021 – October 2021**
- Collected macroeconomic data and cleaned and organized it into Excel
- Performed quality control on team data using Python
- Performed data analysis on interesting findings

LEADERSHIP EXPERIENCE
UT Liberal Arts College Council
President   **April 2021 – April 2022**
- Elected student president of the largest college at The University of Texas at Austin
- Oversaw all functioning of Liberal Arts Council and all Liberal Arts-Affiliated Student Organizations
- Managed Executive Board of 9 students and Leadership Team of 17 students
- Met weekly with deans of all colleges to identify problems and formulate solutions to them
- Gave speeches and represented liberal arts in official university-wide events
- Worked with committee and college leadership to create a Fall Carnival, a commuter student scholarship, and a revamped new student experience for the college

Leadership Team Member   **April 2020 – April 2021**

UT Liberal Arts College Magazine *[The Liberator Magazine]*
Editor of Content   **August 2020 – May 2021**
- Edited all content in the magazine for 25 student writers
- Coordinated organizational activities with Editor in Chief

Staff Columnist   **August 2019 – May 2020**

HONORS
- Distinguished College Scholar 2021, 2022
- Economics Department Honors May 2020
- Magna Cum Laude Dean's Honors List 2020, 2021
- First-Year German Award, one of 3 students selected by German department 2020
- Presidential Scholarship, selected from a pool of students each nominated by their major. 2021-2022

ADDITIONAL INFORMATION
Skills: Python (NumPy, pandas, matplotlib, seaborn, keras), R, git, C++, Linux, Bash Scripting, Leadership, Microsoft Azure
Languages: English, Intermediate German
Interests: Hiking, Bouldering, Computer Science, Photography, Cooking, Chess
Work Eligibility: Eligible to work in the U.S. with no restrictions