Ariana Dudună

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EDUCATION

Stanford University *Stanford, CA*
Bachelor's Degree (Economics & Mathematics) *Expected graduation:* **June 2028**
- Relevant coursework: Principles of Data Science, Economic Analysis I, Programming Methodology, Environmental Economics
- Skills: Python, R, C++, Excel

WORK EXPERIENCE

The Cicero Institute **Austin, Texas**
Summer Research Assistant **June 2025 - August 2025**
- Produced a 50-state comparative whitepaper on public transparency laws identifying 50 reform opportunities that informed state-level advocacy campaigns
- Authored 8 internal policy briefs (AI regulation, higher education, healthcare, etc.)
- Cleaned and structured 10M+ data points from national census datasets in Python, enabling econometric modeling of Certificate of Need (CON) law effects across U.S. states and informing problems with CON law

Romanian Academic Society *Remote, Romania*
Volunteer Coordinator, YouElect Project *May 2024 - December 2024*
- Managed a team of 12 volunteers to assess integrity of 250+ election candidates using an 8-criteria evaluation model; presented findings at Transparency International Lithuania
- Conducted financial and contractual risk analyses on 4 major public procurement projects (€100M+ value) to identify systemic inefficiencies and compliance gaps

The Romanian Parliament *Remote, Romania*
Consultant, Contractor (Education & Labor policy) *December 2023 - September 2024*
- Analyzed demographic and fiscal data for Romania's $10M education budget, informing 10 amendments to the national budget
- Drafted 6 policy recommendations on school meal programs, youth employment, and student transit access
- Co-authored the legislative rationale for a bill reducing taxation on medical leave
- Authored a comparative analysis of internship regulations across EU member states
- Developed a policy brief on women's participation in technology sectors, diagnosing structural barriers and proposing incentive-based solutions to increase female representation in STEM fields

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Constanta School Students' Association *Constanta, Romania*
President *June 2021 - September 2023*
- Directed a 15-branch network of 100+ members; negotiated a 25% teacher salary increase during a national strike by coordinating advocacy efforts and media strategy
- Represented Romanian students in the European and Romanian Parliaments, drafting and advocating for 3 bills
- Authored policy brief on public transit efficiency, analyzing 50 counties' approaches to implementing EU Regulation 1370/2007
- Led successful legal campaign at the Constitutional Court, securing student transit rights, setting national precedent

Stanford Ethics Bowl *Stanford, California*
Team Member *September 2024 - Present*
- Ranked 6th at California Regional Intercollegiate Ethics Bowl; led team analysis of 12 complex ethical cases, on topics such as bioethics, AI, and economic inequality

PROJECTS

Principles of Data Science - DATASCI 112
- Performed data analysis and visualization using Python libraries including pandas and matplotlib
- Applied machine learning techniques using scikit-learn, including regression, classification, and clustering.

Environmental Economics: Models, Data, and Policy Design - ECON 177
- Applied regression, panel data, and causal inference methods in R to analyze the impact of temperature and pollution on mortality using real-world datasets.
- Estimated the social cost of carbon and evaluated landmark environmental policies, integrating econometric analysis with policy insights.