Alice Lixuan Xu

EDUCATION

Hertie School of Governance, Berlin, Germany   **Graduated in June 2023**

Master of Public Policy, Policy Analysis

New Perspectives Scholarship

Washington University in St. Louis, USA   **Graduated in May 2020**

Bachelor of Arts, Philosophy, Environmental Biology, Germanic Languages and Literatures

Cumulative GPA : 3.93/4.00 with Latin Honors : *Magna cum Laude* with Thesis in Philosophy

Phi Beta Kappa & 2018 Phi Beta Kappa Burt M. Wheeler's Book Award

Environmental Studies Award for Scholarship and Research (1 per graduating Class)

Helen Stenner Memorial Essay Prize in Philosophy (1 per year, across undergraduate and graduate students)

RESEARCH EXPERIENCE

Centre for Sustainability, Hertie School; Berlin, Germany

Research Associate and PhD candidate   Jul. 2023   Present

Research Assistant   Aug. 2022   Jun. 2023

Supports data analysis and optimisation modelling projects for publication with Professor Lion Hirth in energy economics. Collaborates with PhD candidates on topics including renewables market value, hydrogen, demand response to price, etc.

Washington University Anthropology Department; St. Louis, USA   Sept. 2018   Sept. 2019
Undergraduate Researcher

Collected, prepared bat guano samples and interpreted results of carbon and nitrogen isotope analyses, so as to understand past vegetation of Costa Rica. Led by Postdoctoral Research Associate Rachel Reid PhD., partnering with the Missouri Botanical Garden and funded by the Living Earth Collaborative.

Tyson Research Center at Washington University; St. Louis, USA   May 2019   Aug. 2019
Undergraduate Fellow

Collected data for ForestGEO project - a global forest monitoring project based on GIS - at Tyson Research Center, under the guidance of Professor Jonathan Myers. Followed up with an independent data analysis project using ESRI GIS ArcMap, generating visual data that compare and contrast patterns of growth and competition among distinct species across the plot.

WORK EXPERIENCE

Aurora Energy Research, GmbH; Berlin, Germany   Jun. 2021   May 2022

Professional Year Analyst

Conducts analyses to generate forecasts on power markets in Europe and financial outlooks for specific renewable energy and flexible technology projects in various markets across the globe.

Interdisciplinary Environmental Clinic, Washington University School of Law; St. Louis, USA

Student Consultant   Jan. 2020   May 2020

On a team of two, organised a water-pollution-discharge case against a large coal-firing plant in Missouri. Actively communicated with the clients, led and coordinated within the team. Synthesised and drafted formal requests for documents from the Department of Natural Resources and prepared arguments for a potential claim.

LEADERSHIP EXPERIENCE

Communications, European Public Policy Conference   Dec. 2020   Jun. 2021

Created event materials for publicity and reached 100+ Hertie students and young professionals in the Berlin area.

Treasurer, TEDxWUSTL Team   Sept. 2017   Jan. 2020

Managed accounts, budgets, spending, processed vendor payments and reimbursements. Ran the TEDx events in March 2018 and March 2019 with 5 speakers and over 250 attendees, plus one of the only student events in 2019's inauguration ceremony.

SKILLS

Languages: English, Mandarin, German (proficient).

Software skills: Microsoft Office, Excel, Powerpoint, Power BI; Mathematica, GAMS, R, Python, SQL, GIS.

Volunteers writing and editing for Wikipedia.org; proficient in woody plant species identification in central parts of USA.