Chicago, IL - USA
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Omar Ansari

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Education

The University of Chicago: Master's in Public Policy *(Data Analytics, Finance Specializations)* **2023-2025**
Harris School of Public Policy

The University of Texas at Dallas: BA in Political Science **2018-2023**
Economic, Political, Policy Sciences

Relevant Professional Experience

Consulting Services Intern, Econ & Geospatial **AECOM Advisory** **June 2025-January 2026**
Chicago, IL

- Authored the first draft of a business case evaluating the Navy's Fleet Infrastructure Optimization Plan (FIOPs) for aviation depots, supporting analysis of infrastructure modernization for the F-35 program.
- Conducted a parcel-level susceptibility-to-change analysis in ArcGIS and R to evaluate redevelopment potential based on building age, lot coverage, land value, and ownership characteristics.
- Supported transit-oriented development planning by building a network dataset of Rockford bus stops and routes in ArcGIS and using Network Analyst to generate 15-minute walksheds around the proposed Metra station.
- Collaborated with in-house geology team to develop a live, interactive ArcGIS Online web map that translated complex geospatial and engineering data into client-ready visuals for CSU stakeholders.
- Built GIS workflows in ArcGIS Pro and ArcPy to convert disorganized campus CAD drawings into a standardized geodatabase, resolving projection and scaling issues for geothermal feasibility mapping.

Co-Founder **Bloodhound, Hacking for Defense (DIU)** **January 2025-August 2025**
Chicago, IL

- Worked with a DoW problem sponsor to frame and analyze a defense technology concept intent on solving constrained supply chains for flashbangs, improving situational awareness and survivability for near-peer competitor urban warfare, with a focus on real-time human detection in contested urban environments.
- Conducted customer discovery with military stakeholders to identify operational constraints facing drone operators, ISR chains, informing system requirements, integration, and conceptual development.
- Led venture-style development of a model-driven sensing and data-integration concept by engaging with Special Operations Forces, Program Executive Offices, and SBIR stakeholders (including in-person engagement at SOF Week) to understand defense acquisition pathways, contracting requirements, and end-user needs.

Head Research Assistant **University of Chicago** **February 2024-November 2024**
Chicago, IL

- Managed database creation on freighter activity by incorporating data extracted from port acquisition records and GPS tracking data of vessels, used for quantitatively modeling forecasts of economic and trade impacts of Chinese sanctions on acquired ports.
- Estimated feasibility of Monte Carlo simulation and network analysis model for quantifying trade volume losses from sanctioning.
- Produced detailed visual data reports and presentations to strategize research design for academic peers and stakeholders.

Technical Skills

Languages:	English (U.S.) - native speaker, Urdu & Hindi (Pakistan) – fluent
Programming:	R (Advanced), Python (Functional), ArcPy (Functional), Ruby (Intermediate), SQL (Functional)
Technologies:	ArcGIS, QGIS, Leaflet, R Shiny, ESRI, Placer, Tableau, PowerBI, GitHub, Excel, G-Suite, Workday, Office365, Ruby on Rails, Google Cloud Platform, OpenStreetMap, Mapbox

Organizations and Leadership

Vice President, Asian Policy Forum (APF) **University of Chicago** **September 2023-June 2025**

- Raised $25,000 through partnerships and sponsorships, and $13,000 for the 2025 Intl. Strategic Crisis Negotiation Exercise.
- Led a 14-person team to organize events, career fairs, and speaker panels with Asian diplomats and industry professionals.

Cyber Policy Initiative, DEF CON Franklin **University of Chicago** **November 2024-Present**

- Selected as part of a 4-person DEF CON Franklin research team to systematically cover high-impact DEF CON 2025 talks.
- Synthesized technical presentations across multiple villages into concise analytic summaries for the DEF CON Franklin Almanack, translating hacker research into policy-relevant insights in Industrial Control Systems, Cryptocurrency, Biohacking, and AGI.