TAYLOR CROCKETT

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EDUCATION

The University of Texas at Dallas – *M.S., Social Data Analytics and Research*   Grad. *May 2025*
B.S., International Political Economy   Grad. *May 2023*
- Eugene McDermott Scholars Program, highly selective cohort promoting academic excellence, community involvement, global immersion and campus leadership

EXPERIENCE

Child Poverty Action Lab – *Data Associate*   *Sep 2023 – present*
Data Intern   *May 2023 – Aug 2023*
- Applying innovative data and visualization methodologies for both internal and public-facing use cases
- Catering to unique data requests, having to respond flexibly to 5 different focus areas
- Contributing to a robust backend-to-frontend workflow including data structure overhauls and web reports
- Maintaining a context-forward approach to aggressively reduce child poverty rates

Untitled quantitative study *(auth. Crockett, Reinert)*   *Jan 2023 – present*
- Readdressing "developing space power" (DSP) issues from *Space Silk Road* study in quantitative terms
- Considering launch, state funding and investiture data to determine trends regarding satellite operators
- Establishing if changes over time benefit young space programs or well-established space programs

Richardson Adult Literacy Center – *volunteer ESL Teacher*   *Aug 2021 – present*
- Teaching English as a second language to over 10 adult novice learners per class, 2 hours every week
- Adapting a textbook curriculum to working adults with interaction, real-world examples and collaborative activities
- Facilitating administrative role as student registrar and placement examiner

Paving the Space Silk Road *(auth. Crockett, Reinert, Shaik, Watson)*   *Sep 2020 – May 2022*
- Qualitative case study-approach to four "developing space powers" (DSPs) and reliance on Chinese infrastructure
- Assessed positions of DSPs international-relations approach, considering long-term effects on China, U.S., and Global South satellite interests

Dallas Musical Outreach – *Director of Music*   *Dec 2019 – May 2022*
- Composed and arranged a wide musical repertoire for rock band, orchestra, wind ensemble, jazz band – 24 pieces for 20 different instruments produced, totaling around 120 hours of arrangement work thus far
- Often coordinated groups of over 30 people to lead performances, rehearsals, and outreach work
- Used Adobe Photoshop and Premiere as online engagement coordinator, advertiser, and YouTube channel manager

Students for the Exploration and Development of Space – *Secretary*   *Sep 2019 – Jul 2021*
- Co-founder of the UT Dallas chapter of international organization for space exploration awareness and support
- Represented UTD at Rice University national space symposium hosting NASA, Lockheed, and other space interests
- Collaborated with local elementary school to deliver an enriched space-centered learning program to students

Roosevelt Institute Network, Asylum Reform Team   *Sep 2019 – Dec 2020*
- Explored policy designs at local law schools to utilize aforementioned Department of Justice accreditation program, potentially allowing for a much-needed increase in asylum seeker legal representation
- Actively engaged and conferred with local non-profits and law schools to further policy outlook

Backing Asylum Seekers *(auth. Baltz, Crockett, Koppikar, Shi, Tran, Venkat)*   *Sep 2019 – May 2020*
- Concerned with low rate of asylum-seeker representation rate in legal system
- Considered feasibility of Department of Justice accreditation program in increasing legal representation numbers
- 1 of 10 policy papers chosen nationally from 100+ submissions to be published in Roosevelt Institution cyclical on economic or societal reform

Veterans Center of North Texas – *Student Volunteer*   *Jan 2016 – Dec 2018*
- Directed local veterans to much-needed services in person or during phone consultation, sometimes assisting high-need veterans with mental health issues or severe disabilities
- Coordinated with a team of adults as the only student volunteer, requiring high-level communication and self-direction
- Reconstructed parts of the online infrastructure and planned system changes with the upper leadership

HONORS

Eugene McDermott Scholarship   *Jul 2019 – May 2023*
- 1 of 18 selected from international pool of 500+ for prestigious, all-expense-paid scholarship for the purpose of allowing for greater leadership opportunities, professional development, and community service locally and abroad

National Model United Nations: Outstanding Delegate Award   *Apr 2022*
- 1 of 6 selected by peers and moderators from competitive 80-person ECOSOC committee, in internationally attended conference simulating high-level sociopolitical and bureaucratic issues

Western Political Science Association presenter   *Mar 2022*
- 1 of 30 papers selected to present "Space Silk Road" research at undergraduate poster presentation

Southern Political Science Association presenter   *Jan 2022*
- 1 of 4 papers selected to present "Space Silk Road" research on Globalization, Change, and Values panel

Undergraduate Research Scholar Award   *Nov 2020*
- Received $500 award to further "Space Silk Road" research to further fund existing research

PROFICIENCIES

Spoken languages	*Programming languages*	*Other data proficiencies*
• **Spanish**: conversational	• **Python**: proficient	• **Excel**
• **Mandarin Chinese**: HSK 3	• **R**: proficient	• **Quarto**
	• **HTML/CSS**: intermediate	• **Shiny**
	• **SQL**: competent	