

RACHEL A. BRASIER

(214) 208-2962 | rachelabrasier@gmail.com | linkedin.com/in/brasier | rachelabrasier.com

Education

Master of Science in Geospatial Information Sciences, 3.8 GPA

University of Texas at Dallas

May 2021 [expected]

Richardson, TX

Master of Arts in Economics, 3.5 GPA

University of Alabama

May 2016

Tuscaloosa, AL

Bachelor of Arts in International Studies, 3.9 GPA

University of Alabama

August 2015

Tuscaloosa, AL

Study Abroad, International Relations and Diplomacy

DIU Libertas Međunarodno Sveučilište

January – May 2015

Dubrovnik, Croatia

Experience

University of Texas at Dallas

Economic Development Specialist / Business Analyst [full-time]

Richardson, TX

August 2019 – Present

- Directed economic analysis to support economic development initiatives aimed at attracting, retaining, and assisting businesses as they expand into the Dallas-Fort Worth region
- Developed research products and publications on UT Dallas' role in the local economy
- Produced biweekly original articles for "The Connection: Economic Development and Our Community" analysis series and monthly DFW Labor Market Updates

International Affairs Review, George Washington University

Staff Writer [part-time; unpaid]

[Remote]

September 2020 – Present

- Wrote web articles on East Central Europe and Russia, geopolitics, and energy economics

U.S. Peace Corps / Ternopil Ivan Puluj National Technical University

University TEFL Volunteer / College Instructor

Ternopil, Ukraine

August 2018 – July 2019

- Taught 180 hours of English classes to 151 students at TNTU
- Organized 40 English workshops for 80 Ukrainian and international students and 70 faculty
- Certifications in project design and management; monitoring, reporting, and evaluation; intercultural communication skills; sustainable development; grant writing

Federal Reserve Bank of Dallas

Research Analyst and Assistant to the Director of Research

Dallas, TX

July 2017 – July 2018

Research Assistant, Energy Economics

June 2016 – July 2017

- Designed and managed charts, maps and slides for Director of Research's presentations on regional economic conditions, demographics, and development
- Supported recruitment of business contacts, analysis, results write-ups, and online publication for quarterly Dallas Fed Energy Survey
- Published articles in *Southwest Economy* magazine on natural gas trade and disaster relief
- Led energy team in process improvement project to automate monthly data report generation

University of North Texas

National Science Foundation Undergraduate Researcher

Denton, TX

June – August 2015

- Planned and conducted research in Civil Conflict Management and Peace Science during summer research fellowship supported by the NSF under Grant No. 1359148
- Presented findings at Midwestern Political Science Association Conference in April 2016

City of Plano

Head Lifeguard

Plano, TX

May – August 2014

Lifeguard

May 2011 – August 2013

Skills and Honors

Quantitative reasoning

- Multivariate calculus
- Linear algebra
- Statistics
- Multivariate analysis
- Spatial analysis
- Time series analysis
- Forecasting
- Mathematical economics
- Econometrics

Professional analysis

- Statistical programming
- Data mining / web scraping
- Data visualization
- Predictive modeling
- Algorithms
- Statistical research methods
- Business writing
- Public speaking
- Web development
- Zoom, Webex, Teams

Software and programming

- MS Excel / VBA ■■■■
- R ■■■
- SQL ■■■
- ArcGIS / ArcPy ■■■
- Tableau ■■■
- Python ■■
- LaTeX ■■
- HTML / CSS ■■
- Stata ■■
- SAS ■■

Languages

- English ■■■■■
- Spanish ■■■■
- French ■■■■
- Ukrainian ■■■
- Russian ■■■
- German ■■

Honors

- Phi Beta Kappa
- National Merit Scholar
- International Baccalaureate