RACHEL A. BRASIER

+1 (214) 208-2962 | rachelabrasier@gmail.com | linkedin.com/in/brasier | rachelabrasier.github.io

Education

M.S. Geospatial Information Sciences (GIS) + GEOINT Certificate, 3.7 GPA   May 2021 [expected]
University of Texas at Dallas   Richardson, TX
M.A. Economics, 3.5 GPA   May 2016
University of Alabama   Tuscaloosa, AL
B.A. International Studies, 3.9 GPA   August 2015
University of Alabama   Tuscaloosa, AL
[DIU Libertas, Spring 2015]   Dubrovnik, Croatia

Experience

University of Texas at Dallas   Richardson, TX
Economic Development Analyst [full-time]   August 2019 – Present

- Directed economic analysis to attract, retain, and assist businesses as they expand into the Dallas-Fort Worth region
- Produced biweekly articles and interactive web charts for "The Connection: Economic Development and Our Community" analysis series and monthly DFW Labor Market Updates
- Served as contributing member of Dallas Thrives initiative's Labor Market Intelligence group, specialists in government and higher education working to improve living wage attainment

International Affairs Review, George Washington University   [Remote]
Staff Writer [part-time; unpaid]   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   Ternopil, Ukraine
University TEFL Volunteer / College Instructor   August 2018 – July 2019

- Taught 180 hours of English classes; 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; sustainable development; grant writing

Federal Reserve Bank of Dallas   Dallas, TX
Research Analyst and Assistant to the Director of Research   July 2017 – July 2018
Research Assistant, Energy Economics   June 2016 – July 2017

- Provided research assistance for economists' research and FOMC briefings for Bank president
- Designed and managed maps and charts for Director of Research's presentations on regional demographics and economic conditions
- Built SAS framework to calculate wage growth using U.S. Census Bureau SIPP and ACS microdata
- 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   Denton, TX
National Science Foundation Undergraduate Researcher   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

Skills and Honors

Software and programming: MS Excel / VBA; R; SQL; ArcGIS / ArcPy; Tableau; Python; LaTeX; HTML / CSS; Stata; SAS; MATLAB; ERDAS
Languages: English (native); Spanish (fluent); French (fluent); Ukrainian (advanced); Russian (advanced); German (intermediate)
Analysis: Spatial & time series analysis; calculus; linear algebra; forecasting; statistics; econometrics; data mining; web scraping; data visualization; database management; predictive modeling & algorithms; demography / epidemiology; analytical writing; web development
Honors: Phi Beta Kappa; National Merit Scholar; International Baccalaureate