Tommie Yeo Thompson

Washington, DC • 410-599-7814 • tythompson1948@gmail.com

SKILLS

Methods: causal inference, research design, econometrics, machine learning, behavioral economics, survey design
Technical: R (tidyr, dplyr, ggplot2, caret, xgboost, Shiny), Stata, some Python, Git, Bash, SQL, LaTeX, GIS
Certifications: 2020 BITSS RT2 data transparency and reproducibility workshop
Projects: Built headless Debian-based three-node 15TB cloud network, including physical construction of three servers
International Experience: the Philippines (15 years), Paris (study abroad)

PROFESSIONAL

Charter Cities Instiute   **Washington, DC**
Quantitative Researcher   *September 2021-Present*

Busara Center for Behavioral Economics, Research and Innovation   **Lagos, Nigeria/Remote**
Consultant   *May 2021-Present*
- Establishing research agenda on women economic empowerment in the Global South by drafting white papers, designing experiments, and networking with academics and funders

Research Specialist   *March-November 2020*
- Designed experiments for lab and field randomized-controlled trials, including survey designs, sampling strategies, power analyses, pre-analysis plans, laboratory protocols, and data collection procedures
- Developed internal research initiatives as principal investigator, such as project on fake news susceptibility, RCT on COVID19 financial resiliency, and working paper on a Pacific Islands nutrition experiment
- Drafted concept notes and technical BD proposals for public sector, private sector, and academic clients
- Managed technical analysis of anti-piracy RCT targeting over 800 people in Somalia, including drafting research design, reviewing team's R code, and mentoring junior staff on statistical methods
- Hosted workshops on complex econometric and statistical techniques for junior staff and external partners, including setting up M&E and data science systems for nonprofit clients

World Bank Group, Development Impact Evaluation   **Remote**
Consultant   *April-August 2021*
- Managing data collection of infrastructure contracts across four Caribbean countries
- Drafting analysis of procurement efficiency for OECS, including report writing and analysis in R

Mercy Corps, Research and Learning   **Remote**
Consultant   *December 2020-June 2021*
- Leading report on Iraq market resiliency to COVID19 of over 1,000 enterprises and 5,500 households
- Coordinating data reconciliation efforts between International Labor Organization and five partner NGOs

Social Impact, Impact Evaluation   **Arlington, VA**
Consultant   *February-October 2020*
Program Associate   *October 2017-January 2020*
- Conducted advanced econometric analyses, such as difference-in-differences, panel regressions, and matching algorithms, for MCC and USAID programs in education, governance, water infrastructure, and food insecurity
- Co-authored quasi-experimental impact evaluation of USAID's Early Grade Reading Assessment in Ghana, including analysis strategy, report writing, statistical analysis of data from over 20,000 pupils and 470 schools, and management of over 200 in-country enumerators
- Developed organization-wide data management protocols, such as redesign of remote data storage structure and introduction of version control software
- Experienced with management of sensitive data in accordance with federal government privacy protocols

EDUCATION

Georgetown University, *Master of Public Policy (spec. in Econometrics and Data Science)*   **Washington, DC**
Organizations: *Georgetown Public Policy Review senior online editor*   *May 2018*

University of Chicago, *BA in Political Science*   **Chicago, IL**
Organizations: *UChicago Philosophy Review editor, Chicago Journal of Foreign Policy editor*   *June 2015*

FELLOWSHIPS

Deloitte Foundation Data Analytics Fellowship   **Arlington, VA**
Fellow – Winner of Deloitte Core Consulting Series Competition   *May 2017-April 2018*

- Awarded $24,000 grant to study relationship between university education and civic engagement
- Analyzed longitudinal student-level data using machine learning to inform university programming