

To whom it may concern:

With a Master of Global Human Development from Georgetown University and a Bachelor of Arts in International Political Economy from Bryant University, my rich academic background harmonizes with a diverse professional history working for organizations such as the Marine Corps, Peace Corps, Department of Treasury, and most recently the Department of Agriculture. The major constant throughout my background is the use of data and technology to push for deep analysis and data-driven decisions.

My professional history started as a financial technician which grew to become a finance manager in Afghanistan, and a leader of a finance team as my term ended in the Marine Corps. My focus then transitioned from finance to international economics where I started to use software such as Tableau, SAS, and advanced Excel functions to perform analysis in a diverse array of sectors such as supply chain management and logistics, international development, finance and banking, and agriculture economics. By the end of earning my BA, I was ready to use my diverse background to serve once again, but this time in the country of Timor-Leste as a Peace Corps volunteer.

In my Peace Corps role as a Project Manager and Business Analyst in Timor-Leste, I not only catalyzed growth and income generation within the agriculture, manufacturing, and eco-tourism sectors but also strategically employed technology to drive output. I spearheaded projects that significantly increased revenues and implemented grant opportunities totaling \$400,000 USD for business development. This experience honed my skills in strategic business analysis, procurement, and finance modeling, seamlessly integrating technology solutions to enhance project efficiency and outcomes. Technology solutions such as implementing databases and visualized reporting to help monitor business transactions and trends.

Post Peace Corps, the pivotal question of "can innovative business decisions drive international development?" became the focal point of my work and study. While pursuing my Masters at Georgetown, I delved into how technology can impact the agriculture sector and country development. Adding Python and Stata to my data stack for quantitative analysis and research. I realized the critical role analytics plays in successful business project development. Good analytics can be the linchpin for future innovative decision-making in business and development.

I leverage my experience and skills as a Data Scientist currently at the Department of Agriculture, specializing in creating robust data infrastructures and implementing automated data pipelines. My expertise in streaming processes enhances the efficiency of grant program analysis. Utilizing tools such as Hive and Impala, I streamline data into Python and Tableau for in-depth analysis. This role has strengthened my advanced data mining and transformation skills, allowing me to work with both quantitative and qualitative data. Effectively communicating analyses to diverse stakeholders, including Congress and agriculture researchers, is a key aspect of my contribution. Now I am currently managing a team of data scientists working on multiple key data infrastructure, analysis, and visualization projects.

**Sincerely,
Shaun C. Rolph**