

Kathleen Tiley

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EDUCATION

Bachelor of Science in Computer Science , University of Florida, Gainesville, FL	May 2023
Projects: MERN Stack Web App , Compiler Model Implementation in Java	GPA: 3.97 / 4.00
Master of Arts in National Security Studies , Georgetown University, Washington, DC	May 2018
<i>Thesis: Explaining Military Intervention Under the Economic Community of West African States</i>	GPA: 3.86 / 4.00
Bachelor of Arts in Peace and Conflict Studies , Colgate University, Hamilton, NY	May 2014
<i>Thesis: Egyptian Civil-Military Relations and the 2011 Revolution</i>	GPA: 3.91 / 4.00

EXPERIENCE

Software Engineer Intern , L3Harris Technologies, Herndon, VA	May 2022 – Present
<ul style="list-style-type: none">Designed a system to orthorectify classified NITF satellite imagery and import images into external software using Lua and Python to satisfy senior government customer requestBriefed system to program team members and thoroughly documented system processes and tools on Confluence allowing senior team members to easily use and brief the system to the customerIndependently learned new programming languages (Lua and Python), APIs, and mathematical concepts and immediately implemented knowledge to deliver value to the customerRefactored existing orthorectification tools used by 100+ company employees as part of a 15-person Agile development team using Atlassian collaboration software (Jira, Bitbucket, Jenkins)	
Community Liaison Officer (CLO) , U.S. Consulate General Amsterdam, The Netherlands	May 2019 – Mar 2020
<ul style="list-style-type: none">Designed a personnel management system for 500+ members of the U.S. Mission to the Netherlands to ensure accountability during crises; Reduced time spent on CLO reporting by 92% while increasing accuracy by 10%Produced an interactive map in Microsoft Power BI allowing users to quickly visualize U.S. Mission engagement throughout the Netherlands and prioritize engagement targetsCollaborated with CLO team to manage an annual program of 35 events supporting U.S. Mission community needs	
Desk Officer, Defense Attaché Service (DAS) , Defense Intelligence Agency (DIA), Washington, DC	Jun 2016 – Jan 2019
<ul style="list-style-type: none">Managed the daily operations of the 9-person U.S. Defense Attaché Office (DAO) in Ankara, Turkey in a fast paced and high impact environmentDesigned data-driven processes in Excel to assess DAO operations and ensure alignment of DAO resources with analytic production requirements and key U.S. national security prioritiesIdentified and corrected errors in HQ datasets using Excel to allow DIA to accurately measure the performance of 86 officers across Europe and provide correct input to military evaluationsBriefed 2-star generals, senior DAS leaders, and incoming attachés on DAO operations and impact to highlight DAO successes and prepare new team members for operational successSelected above more senior peers to evaluate and revise DAS HQ operational policies to ensure effective implementation and applicability to DAO operating environments	

SKILLS and DISTINCTIONS

Programming: Proficient in Java, C++, SQL | Familiar with JavaScript, Python, MATLAB, Lua, R

Tools: Git | MERN Stack | Oracle DB | Jira | Confluence | Bitbucket | Linux

Methodologies: Object-Oriented Programming | Agile | Scrum

Languages: French (Proficient) | Arabic (Beginner) | Spanish (Beginner)

Active DoD TS/SCI Clearance