

Margaret M. Furr (757) 374-3566 | margaretmfurr@gmail.com | <https://margaretmf.github.io/>

OBJECTIVE

Join an organization where I can apply business systems analysis skills to support international education.

SKILLS

Business Systems Analysis
Technical Writing
User Story Writing
Technical Documentation
Requirements Gathering
Data Management
Statistical Data Analysis
Data Visualization
KPI Development and Tracking
Project Management
Cross-functional Teamwork

TOOLS

Jira, Trello, Asana, Confluence,
Microsoft Office, Zoom, R, SQL,
ArcGIS, QGIS, SurveyMonkey,
Periscope, Atlassian, Git/Github,;
familiar with PowerBI, Tableau,
Python, Ruby on Rails, and Java

TRAINING

Scrum
Diversity, Equity, and Inclusion
ISO 9001 Quality Management
Systems

WORK EXPERIENCE

THE LITERACY LAB | Literacy Tutor August 2022-Present

Conduct one-on-one tutoring sessions with students to support students' successful reading.

CAMP NAKANAWA | Cabin and Activity Counselor June-July 2022

Led the singing program and assisted the sports program for girls between 6th and 11th grade, in addition to helping counsel girls emotionally throughout the 6 weeks.

BYTE BACK | Council Member and Data Project Manager June 2017-July 2019

Created a project plan and a Trello project board to support a year-long data collection process mapping project. Analyzed data collected and used within the organization to understand the current state of the organization's analytics. Led regular meetings with team members to ensure and communicate project progress. Delivered a memo capturing the current and ideal states of data management to make the organization better.

EVERFI | Data Analyst April 2016-December 2018

Developed research plans to explain analytics methods. Managed up to 2,000 statistical insights on over 50,000 product users' responses to surveys to prove social return on investment. Built tools and dashboards to streamline the production of reporting using R, SQL, and Periscope. Presented primary research to team members, colleagues, and outside consultants to explain the impact of work. Conducted literature reviews and extensive secondary research to become the expert on topics and to guide the writing of white papers. Worked cross-functionally in the organization to develop data platform requirements and to maintain other technical knowledge in Atlassian and Git. Produced ideas for how to create metadata and survey tags to improve survey and assessment data management. Wrote user stories to articulate database development requirements. Trained colleagues on database tools and survey research. Assisted team in general project management tasks to coordinate work with Jira.

AWARE | Product Designer April-July 2016

Applied systems analysis and engineering skills to brainstorm how to provide a tool for employers to hack the gender pay gap. Developed a prototype of a survey analytics platform for employers to use. Presented the solution at the White House to share with fellow participants.

BluestoneLogic | Systems Analyst and Designer Intern December 2015-January 2016

Conducted a systems analysis of a project management software system using a methodology taught at UVA based on MECE principles to describe the problem of inefficient use of workflow tools. Gathered requirements, developed acceptance criteria, and defined KPIs through user studies and stakeholder interviews to understand project objectives. Iterated through the brainstorming for, testing of, and designing of new project management system ideas and ideated information and architecture solutions to align solutions with system requirements. Completed ISO 9001 Quality Management Systems training.

EDUCATION

UNIVERSITY OF VIRGINIA | MS, Data Science July 2014-December 2015

Won best paper award in the Data Science Institute with team members from China.

UNIVERSITY OF VIRGINIA | BA, History August 2010-June 2014

Won one of four leadership awards at the International Residential College. Studied abroad in Buenos Aires, Argentina and Glasgow, Scotland.