

# ESTHER WEI

Fairfax County, VA || [ew701@georgetown.edu](mailto:ew701@georgetown.edu) || [in/esther-wei-47a272165](https://in/esther-wei-47a272165) || <https://github.com/swei2/Esther>

## TECHNICAL SKILLS

**Languages:** Java, Python, Scratch, R, SAS, SQL

**Databases:** Access, SQL, MySQL

**Web:** JavaScript, HTML, CSS, REACT

**Tools:** Power BI, Tableau, Power Automate, SharePoint, Redmine, Asana, Trello, Study Data Tabulation Model Implementation Guide, Clinical Data Interchange Standards Consortium

**Technologies:** AWS, Azure, Github, Agile Methodologies, Scrum, DevOps, Data Visualization, API, UI&CI, Software Development Life Cycle

**Languages:** Chinese (Fluent), English (Fluent), Korean (Elementary level)

## EDUCATION, TRAINING, AND CERTIFICATIONS

**Georgetown University, Washington, DC**

**May 2022**

M.S., Technology Management

**George Mason University, Fairfax, Virginia**

**December 2020**

B.S., Information System Operation Management

**Certification(s)**

Certificate in Lean & Agile Practices (Georgetown University May 2022), Working with Data in the Tidy verse (Data camp 2020)

## WORK EXPERIENCE

**Jr. Program Manager/Business Analyst**

**November 2022 – Current**

DSFederal, Inc.,

Rockville, MD

- Cross-departmental function **20+ managers'** IPR and Weekly PMs' meetings and four members in CRO. Apply Agile to managing 6 members of the SharePoint team to centralize collaboration, document management, and knowledge sharing, enabling seamless communication, efficient teamwork, and streamlined access to essential information which **improve 90% of the task completion speed.**
- To increase company-wide efficiency, execute Redmine and Asana to solve ticket issues from different requirement backlogs on SharePoint for 100+ internal employees which **increase 80% of efficiency of management.**
- Contract deliverables, task order review, training, briefings/presentations, and in-process review preparation in PMO to increase the PMs' efficiency.
- Provide Study Data Tabulation Model Implementation Guide and Clinical Data Interchange Standards Consortium to the Case Report Forms, Study Data Tabulation Model, and Analysis Data Model and apply SAS to establish and analyze medical datasets to **expand the different BD industries in DSFederal.**
- Generate over 100 Business Development projects to Power BI and Tableau to assemble dashboards with SQL relational database knowledge and workflow to **enhance 70% efficiency** of system of Business Development database.

**Business Analyst Intern**

**August 2022 – November 2022**

DSFederal, Inc.,

Rockville, MD

- Boosted **80% organizational and Business Development growth** and support decision-making by generated **over 100 employees'** resumes into the Power BI dashboard.
- Developed comprehensive **analytics and visualizations** from Business Development database into actionable insights.
- Achieved collaboration and optimized workflows through the collaborative power of **SharePoint.**
- Improved **efficiency by 90%** with workflow automation in Power Automate and streamlined project management in Redmine.

**Software Engineer Intern**

**July 2015 – January 2016**

Giraffe English (Raking top 5 English education center in Taiwan.)

Taipei, Taiwan

- Developed interaction games for up to 10,000 users with Scratch.
- Improved user experience of the official website upgrading the UI and developed dynamic webpage in JavaScript.

## PROJECTS

**Personal Website Design HTML (<http://mason.gmu.edu/~swei2>)**

- Deployed a personal blog regarding Artificial Intelligence Education.

**Java (<https://github.com/swei2/Esther>)**

- Developed different scenarios based on Boolean, Array, For, If Else, and While.

**Python (<https://github.com/swei2/Esther>)**

- Developed different scenarios based on For, While, If Else, Format, and Float.

**Create Pet Database Tables SQL (<https://github.com/swei2/Esther/blob/master/Pet-Database-Create-Tables.sql>)**

- Created a dummy database to lookup pets' information and orders.

**Art-Course-Database-SQL (<https://github.com/swei2/Esther/blob/master/Art-Course-Database-SQL.sql>)**

- Built the database from the database schema and develop queries for CRUD functionality.