

YEA-REE CHANG

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Education

University of Michigan School of Information

Master of Science in Information with specialization in Data Science

04/2019

Overall GPA: 3.875

• Thesis Title: “Refugee Demographic and Connectivity Trends in Greece and Serbia”

University of California, San Diego

Bachelor of Science in Psychology with Honors

06/2014

Overall GPA: 3.715

• Thesis Title: “Show Me the Money: How Images of Wealth Shape Public Attitude”

Professional Experience

Data Science Associate, TechnoServe, Washington, DC

06/2019-Present

- Builds the ETL pipelines for various internal finance and operations data with automation scripts for data quality checks and necessary transformation and merges of data coming from disparate sources
- Advises project managers on best practices for data collection and management with knowledge in tools spanning the various data stages from collection to utilization

Graduate Student Instructor, University of Michigan School of Information, Ann Arbor, MI

09/2018-04/2019

- Created instructional content for lectures and assignments for introductory Python programming courses that cover material spanning from data manipulation in Pandas to web development in Flask
- Led weekly sections and office hours for students reviewing key material, supervising section exercises, and addressing concerns related to the concepts and the course logistics

Data Systems Intern, Catholic Relief Services, Dassa, Benin

06/2018-08/2018

- Conducted usability studies and interviews to assess the viability of adoption of a mobile application solution for data collection and cooperative management by rural smallholder farmers with low resources
- Facilitated communications between multiple actors (i.e. beneficiaries, awardees, and consultants) of a USDA-funded project across different cultures and languages

Instructor and Program Coordinator, Peace Corps, Ouidah, Benin

06/2015-07/2017

- Regularly taught and co-taught government-issued English curriculum to classes of 40-60 local students in a public secondary school
- Designed and coordinated various community events including a language-immersion workshop for English teachers and a weeklong summer camp for youths

Skills and Qualifications

- Data manipulation and analysis with Python, R, and SQL
- Data architecture and administration using relational databases (MySQL, PostgreSQL, MS SQL Server) and Salesforce
- Data visualization in Python and JavaScript, as well as with BI tools including Power BI and Tableau
- Familiar with working in Git and Unix environments
- Fluent in English and Korean; working proficiency in French (advanced low level)