

YEA-REE CHANG

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Education

University of Michigan School of Information

Master of Science in Information with specialization in Data Analytics

05/2019

Overall GPA: 3.833

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

- Created a relational database schema and accompanying documentation with two years of sensitive data from European refugee camps and conducted statistical analysis using SQL and Python

University of California, San Diego

Bachelor of Science in Psychology with Honors

06/2014

Overall GPA: 3.715

• Thesis Title: “Seeing Bling: Social Effects of Wealth Priming”

- Created a double-blind experiment with randomization and branch logic using Qualtrics and conducted statistical analysis using Excel and JMP

Professional Experience

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

09/2018-Present

- Leads weekly sections and office hours for introductory Python programming courses
- Develops content material on topics ranging from introductory database design to tackling a variety of modules such as Flask web framework and BeautifulSoup web scraper

Data Systems Intern, Catholic Relief Services, Dassa, Benin

06/2018-08/2018

- Conducted usability studies and field interviews to assess the viability of adoption of a mobile application solution by creating testing scripts and assessment materials
- Presented oral and written reports on the findings of the aforementioned studies to multiple audiences varying in language and amount of information communicated
- Facilitated communications between multiple actors (i.e. beneficiaries, awardees, and consultants) of a USDA-funded project across different cultures and languages

Data Manager, Center for Socially Engaged Design

02/2018-05/2018

- Proposed solutions for a functional metrics reporting system to enable staff to measure the impact of the center on stakeholders with needs assessment and vendor selection analysis
- Oversaw data cleaning and re-structuring in Excel and Airtable and optimization of data collection using Google Suite and Airtable API
- Performed qualitative research of similar organizations to reinforce recommendations for standardizing the information flow from user input to analysis for quarterly reports

Educator 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
- Aided a local non-profit in writing project proposals and grant requests for funding from US government
- Organized a weeklong summer camp for 50 local girls with sessions on malaria and nutrition education and conducted follow-up monitoring and evaluation
- Designed program and content for a day-long English immersion event for local English teachers by consulting with Beninese colleagues

Skills and Qualifications

- Proficient in data manipulation with SQL, Python and R, as well as data visualization in Tableau and Javascript
- Skilled in empirical research design and analysis including A/B testing and contextual inquiry
- Fluent in English and Korean; proficient in French (advanced low level)