

# YEA-REE CHANG

Ann Arbor, MI <> (530)219-6216 <> cyearee@umich.edu

---

## 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

**Data Science Associate**, TechnoServe, Arlington, VA

06/2019-Present

- Designs and maintains dashboards of financial and project impact metrics for internal reporting and operations
- Ensures efficient dataflow between disparate systems of data management including those employing Salesforce and CommCare

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

09/2018-05/2019

- Led weekly sections and office hours for Python programming courses
- Developed content material on topics ranging from applications of object-oriented program concepts to tackling a variety of modules such as Flask web framework and BeautifulSoup HTML parser

**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

**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

**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
- Organized a weeklong summer camp for 50 local girls with sessions on malaria and nutrition education and conducted follow-up monitoring and evaluation and 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 and proficient in French