

MIRANDA L. COOPER

Sterling Heights, MI · mleighc@umich.edu · (215) 499-3623 · github.com/mleighc

WORK EXPERIENCE

Michigan Alzheimer's Disease Center, Michigan Medicine

Programmer / Data Analyst

Ann Arbor, MI (Remote)

Jun 2023 - Present

- Designed interactive GitLab on-boarding materials and standard operation procedures
- Developed automated scripts to optimize data extraction processes
- Built an R script to suggest research studies to participants based on key criteria
- Streamlined and templated R Scripts for research study participant referral information

University of Michigan School of Information (UMSI)

Instructional Aide - SI 506 Programming I

Ann Arbor, MI

Aug 2022 - Apr 2023

- Collaborate with members of the teaching team via GitHub to develop weekly Python course materials and Gradescope autogradors
- Provide administrative support in tracking about 150+ student submissions and enforcing late policies
- Support student code debugging for weekly course materials, mid-terms, and final exams

EnterpriseDB (EDB)

Professional Services Intern

Remote

May 2022 - May 2023

- Completed a 12-week full-time project-based internship program that transitioned into an extended part-time contract
- Obtained PostgreSQL 13 Associate Certification (Credential ID EDB34938)
- Developed customized workflow templates for EDB's 11 Global Packaged Services, standardizing the delivery process and training stakeholders globally

University of Michigan Engaged Learning Office (ELO)

Data Curator

Ann Arbor, MI

Dec 2021 - Aug 2022

- Conducted pre-migration data cleansing and formatting under guidance of Salesforce Developer and Associate Director, ELO for transition of 15k+ records from Airtable to Salesforce

World Central Kitchen (WCK)

Development Operations Manager

Washington, DC

Jul 2019 - Jun 2021

- Configured Salesforce functionalities and maintained standard operating procedures for 14 users and 90k+ household accounts
- Designed and maintained campaign-specific reports and dashboards
- Advised a focus group of 3 staff for triage of donor correspondence via email, social media, and phone, using ZenDesk
- Collaborated with Communications and Finance to maintain flow of data-sharing processes

SKILLS

Languages:	Python (pandas, numpy, scikit-learn, PyTerrier), SQL, R, Markdown
Relational Databases:	PostgreSQL, MySQL
Web Design:	HTML5, CSS, JavaScript
Applications:	Salesforce.com, Microsoft Power Automate
IDE and Computing software:	Visual Studio Code, Jupyter Notebook, Google Collab
Visualization:	Altair, matplotlib, Seaborn, Tableau

EDUCATION

University of Michigan School of Information

Master of Science in Information, focus in Data Analytics

Ann Arbor, MI

Aug 2021 - Apr 2023

Moravian College

Bachelor of Arts with Honors in Art History and French

Bethlehem, PA

Aug 2008 - May 2012