

# Miranda Leigh Cooper

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## EDUCATION

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**University of Michigan, School of Information**

**Ann Arbor, MI**

*Master of Science in Information, Data Analytics*

*Graduation Date: Apr 2023*

## RELEVANT COURSEWORK

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Programming I/II; Data Manipulation and Analysis; SQL and Databases; Servers, Shell, and Git; Web Design and Accessibility; Building Interactive Applications in JavaScript; Contextual Inquiry; Information Visualization; Data Mining; Information Retrieval; Organization of Information Resources

## WORK EXPERIENCE

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**University of Michigan School of Information**

**Ann Arbor, MI**

*Instructional Aide - SI 506 Python Programming I*

*Aug 2022 - Present*

- Collaborated with colleagues utilizing GitHub to build course content and Gradescope autograders for weekly Python problem sets.
- Identified root cause of reported challenges in students' programming concepts; guided students to improved understanding through debugging techniques.
- Organized & managed records for 150+ student submissions, including tracking due dates & enforcing late policies.

**EnterpriseDB (EDB)**

**Remote**

*Professional Services Intern*

*May 2022 - Present*

- 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)
- Configured customized workflow templates for eleven global packaged services to ensure accuracy & streamline operation, enhancing delivery process effectiveness by 15%.

**University of Michigan Engaged Learning Office**

**Hybrid/Ann Arbor, MI**

*Data Curator*

*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

**University of Michigan Library**

**Remote**

*Ask a Librarian Assistant*

*Jun 2021 - Present*

- Respond to an average of 4-10 patron inquiries per hour, including research support, library service guidance, and referrals, via LibraryH3lp web client

**World Central Kitchen (WCK)**

**Washington, DC**

*Development Operations Manager*

*Jul 2019 - Jun 2021*

- Configured Salesforce functionalities for 14 users, streamlining data management for 90k+ household
- Designed and maintained campaign-specific reports and dashboards
- Devised strategies and implemented ZenDesk platform to coordinate donor inquiries by streamlining triage
- Collaborated with Communications and Finance teams to maintain flow of data-sharing processes

## SKILLS & TOOLS

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**Proficient:** Python (pandas, numpy, matplotlib, seaborn), SQL, PostgreSQL, Salesforce, HTML5, CSS, JavaScript, Visual Studio Code, Jupyter Notebook, Git, Microsoft Office (Excel, Word, PowerPoint)

**Familiar:** Altair, Bokeh, MySQL, React, TypeScript, PowerBI, Tableau, R, DataGrip, FastAPI, Postman, Linux, Oracle VM VirtualBox