

# FREDERICK OBRIEN

**Email:** stewartrachel@francis.info  
**Education Level:** Undergraduate  
**Major:** Computer Science

**Desired Role:** RA  
**Research Interests:** Smart Cities

## **Education:**

University of Michigan, Ann Arbor

**B.S. in Computer Science,**

Expected Graduation: May 2026

## **Relevant Coursework:**

Smart Cities, Data Science Fundamentals, Applied Machine Learning

## **Skills:**

SQL, Power BI, TensorFlow, Natural Language Processing, Data Visualization

## **Experience:**

Undergraduate Research Assistant

Department of Computer Science, University of Michigan, Ann Arbor

Sep 2023 – Present

- Worked on projects related to smart cities using tools like SQL, Power BI, TensorFlow.
- Contributed to literature reviews and helped design experiments.
- Assisted with data collection and preliminary analysis for research papers.

Academic Project

"Smart Cities Analysis using AI"

- Built a project that applies concepts from ML and statistics to study topics in Smart Cities.
- Presented findings in class and received excellent feedback from faculty.

## **Hobbies & Interests:**

- Creative writing
- Blog writing
- Peer mentoring