

# RACHEL CONNOLLY SHE/HER

LOCATION New York, NY EMAIL rshconn@gmail.com PHONE (914) 826-5517

## EXPERIENCE

**Research Engineer**, September 2020 - Present

**Center for Social Media and Politics**, New York, NY

- Build software and tools for collecting, processing, analyzing, and understanding large social media networks.

**Program Coordinator**, July 2019 - September 2020

**Break Through Tech**, New York, NY

- Managed an introductory summer program for students at CUNY who are underrepresented in the technology industry to encourage interest in computer science.
- Established common program evaluation metrics and data collection standards.
- Created engaging, relevant newsletter content for students.

**Software Engineer**, August 2017 – June 2019

**Civis Analytics**, Chicago, IL

- Collaborated on a cross-functional data science product team to evaluate and build new data assets.
- Integrated ETL, QA, and machine learning pipelines for primary data asset with Spark and workflows.
- Built an identity resolution web application including productionizing core models, designing a Flask API, and implementing a React UI.
- Advised internal stakeholders and external clients on best practices for identity resolution and interpreted results.

**Lead Instructor**, June 2017 – August 2017

**All Star Code**, New York, NY

- Led a Javascript-based web development course with twenty high school students and two Teaching Fellows.
- Developed a project-based lesson plan on inclusive and accessible web development.

## EDUCATION

**University of Michigan**, Ann Arbor, MI, May 2017

B.S. Computer Science, Minor in Complex Systems, GPA 3.5/4.0

## SKILLS

Python (Flask, pandas, scikit-learn, pyspark), SQL, Javascript (React), AWS (Redshift, EMR, DynamoDB)

## LOVES

Open Government Data, Maps, Musical Theatre, Dogs