

# Mirabel Reid

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## EDUCATION

**Georgia Institute of Technology, Atlanta, GA**

Sep 2020-Present

Pursuing PhD in Computer Science

**University of Pittsburgh, Pittsburgh, PA**

Bachelor of Science

Sep 2016-April 2020

Double Major in Computer Science, Mathematics

GPA: 4.0

**Relevant Coursework:** Machine Learning, Data Science, Programming Languages for Web Applications, Data Structures, Algorithm Implementation, Honors Linear Algebra

**Technical Skills:** Python, MATLAB, C++, SQL, Java, Git

## WORK EXPERIENCE

*Software Engineering Institute*

*Pittsburgh, PA*

Intern: Emerging Technology Center, Software Solutions Division

Jan 2020-Aug 2020

- Engaged in application-centric machine learning research
- Implemented machine learning solutions in **PyTorch**

*University of Pittsburgh*

*Pittsburgh, PA*

Research Assistant

Jan 2017-Dec 2019

- Worked independently to collect data from research publications
- Used **MATLAB** and **C++** to build algorithms which analyze and interpret over 20GB of data
- Communicated results with research team and adviser in weekly meetings

*Georgia Tech*

*Atlanta, GA*

Civic Data Science Intern

May 2019-Aug 2019

- Collaborated with city officials and research faculty to analyze the impact of federal housing policies in the city of Albany, Georgia
- Created a research-grade database by connecting disparate civic data sources with **Python** and **SQL**
- Presented on database to city officials and Georgia Tech community members

*University of Pittsburgh*

*Pittsburgh, PA*

Teaching Assistant

- Led recitation for Intermediate Programming Using Java in Fall 2017 and for Discrete Structures in Spring 2019
- Demonstrated concepts and assisted students with projects and assignments during office hours

## HONORS/AWARDS

Georgia Tech Presidential Fellowship

Apr 2020

Culver Award (Achievement in Mathematics)

Apr 2020

SCI Sponsorship to attend Grace Hopper Conference

Oct 2019

Putnam Mathematics Competition, Top 20%

Dec 2018

Brackenridge Research Fellowship

May 2018

## LEADERSHIP & INVOLVEMENT

Pitt Math Club

Sep 2016-Present

- *Events Coordinator (2018-Present)* – Help plan and promote Math Department events and activities.

School of Computing and Information Science Academic Council

Jan 2018-Present

- *Undergraduate Representative* – Represent the undergraduate population in School of Computing and Information Science decisions