

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

Software Engineering Internship, Amazon (Declined)

Mar 2019

BigDataX Fellowship (Declined)

Mar 2019

DIMACS REU (Declined)

Mar 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