

# Ruarai O'Tighearnaigh

<http://reotyranmy.github.io>

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## EDUCATION

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- **Georgia Institute of Technology** Atlanta, GA  
*Bachelor's of Science in Computer Science; GPA: 4.00*  
*Intelligence and Modeling & Simulation*  
Aug. 2018 – May 2022
- **the Ohio State University** Columbus, Ohio  
*Dual Enrollment - 36 Credit Hours; GPA: 3.91*  
May 2016 – July 2018
- **Olentangy Liberty High School** Columbus, Ohio  
*High School Diploma; GPA: 4.70*  
Aug. 2014 – July 2018

## PROJECTS

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- **Semeru** Atlanta, GA  
*Lead Backend Developer*  
Aug. 2018 - Dec. 2018
  - **Donation Management App:** Android app for non-profits in Atlanta through which donations can be tracked and logged at each donation center. Donor's can use the app to find locations.
  - **Web Port:** Implemented a web port of the Android app hosted on Firebase. Included measures to verify and recover accounts.
- **Gutenberg Word Cloud** Columbus, OH  
*Programmer*  
Aug. 2017 - Dec. 2017
  - **Data Visualization:** Scraped books available on Gutenberg.org and outputted web pages displaying the most common words in the book as a word cloud.

## SKILLS & INTERESTS

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- **Programming Languages:** Java, Python, C++, HTML, MATLAB
- **Technologies:** Firebase, Android Studio, Git, Bootstrap
- **Languages:** English, German - Proficient
- **Extracurriculars:** Investment Committee, Big-Data Club, Club Rowing

## LEADERSHIP

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- **Olentangy Liberty Swim Team** Columbus, OH  
*Captain*  
Nov. 2016 - Feb. 2018
  - Helped organize fund raising efforts including car washes and Chipotle nights
  - Lead warm-up before meets and instructed underclassman on proper technique
- **Olentangy Liberty Quizbowl Team** Columbus, OH  
*Captain*  
Aug. 2017 - May. 2018
  - Lead Team to highest place finish at NAQT Nationals in school history
  - Assigned research roles and specialization to team members based on interest
- **Alpha Sigma Phi** Atlanta, GA  
*Homecoming/Greek Week Director*  
Jan. 2019 - Dec. 2019
  - Organized and lead participation in a variety of philanthropic and competitive events

## AWARDS

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- Valedictorian
- Honda-OSU Math Medal
- Economics student of the year
- National Merit Scholar