

# Isaac Barrezueta

barrezuetai@allegheny.edu | 347.645.8209  
LinkedIn: **Isaac-Barrezueta** | Github: **barrezuetai**

## EXPERIENCE

### WEB DEVELOPMENT CO-INSTRUCTOR | NEXTGEN

#### BOOTCAMP

July 2019 – August 2019 | New York, NY

- Instructed 7 week long Web Development course to 25 students through lectures, workshop assistance and guided projects.
- Proposed ideas when designing and developing lessons for the three sections: Swift/Xcode, HTML/CSS/JS, and Ruby on Rails.

### FULL STACK DEVELOPER | EL VIEJO YAYO

August 2019 - Present | New York, NY

- Redesigned the look of the old website with custom CSS/JS catered to the owner's style.
- Used React and Gatsby to create a website with a score in the 95th percentile increasing traffic.

### TEACHING ASSISTANT | ALLEGHENY COLLEGE

September 2018 – Present | Allegheny College, PA

- Help Professors grade material for multiple introductory CS classes.
- Motivated students to find practical solutions to their labs without giving them the answers.
- Coached students with understanding terms for their exams.

## PROJECTS

### SANTA BOT | NATURAL LANGUAGE PROCESSING

- Used a python wrapper for Reddit's API parse through thousands of comments per second until activated by a phrase.
- Implemented the NLTK library in tandem with classifiers from the scikit-learn library to categorize the user by searching through their comment history.

### TWEET TRACKER | DATABASE PROJECT

- Leveraged the Twitter API to collect 11 million tweets in a week relating to Avengers and GoT.
- Designed a database to store the collected information
- Prepared seven graphs showing the number of total tweets found per day for each movie using Plotly.

### GATORGROUPEE | OPEN SOURCE PROJECT

- Created a CRUD web application with Django that grouped students given names and ranks, increasing efficiency of group work.
- Used pytest and CodeCov to create tests and achieve code coverage in the 80%-85% range.

### THE NUTTY GUY | E-COMMERCE SITE PROJECT

- Created a CRUD web application with Ruby on Rails that allowed users to create accounts and add items into their cart.

## EDUCATION

### ALLEGHENY COLLEGE

BACHELOR OF SCIENCE IN  
COMPUTER SCIENCE WITH MINOR IN  
PSYCHOLOGY  
Expected May 2020 | Meadville, PA

## SKILLS

### PROGRAMMING

Java • Swift • Python  
C • CSS • HTML • SQL • JS

### TECHNOLOGY

Git • Raspberry Pi • MySQL  
Ruby on Rails • JSON  
Django • Reactjs • Gatsby

## COURSEWORK

### UNDERGRADUATE

Artificial Intelligence  
Distributed Systems  
Computer Organization  
Database Systems  
Linear Algebra  
Web Development  
Programming Languages  
Algorithms  
Software Engineering

## SOCIETIES

National Science Foundation Scholar  
Prep for Prep