Isaac Barrezueta

barrezuetai@allegheny.edu | 347.645.8209

PROJECTS

HAIRITAGE | Freelance Web Development
April 2018 – Present
- Currently working with a local hair salon that needs to update their website to one that is responsive.
- Using Gatsby and React to create a responsive and modular static site with a high lighthouse score

TWEET TRACKER | Database Project
April 2018 | Allegheny College, PA
- Leveraged the Twitter API to collect tweets relating to Avengers: End Game and Game of Thrones for 7 days and stored the information in an SQLite3 database hosted on a raspberry pi.
- Currently using Python and Plotly to create a visual representation, in the form of a bubble chart gif, of the data collected.

GATORGROUPER | Team Lead
Jan 2019 – March 2019 | GatorEducator
- Led a team of students in developing GatorGrouper, a smart student grouping software.
- Used Django to transform the CLI into a web application.
- Distributed and assisted in tasks related to creating the views and models.
- Integrated TravisCI and CodeCov to ensure we submit quality code.
- Configured and used pytest to create test functions for our application

GLITCHIFY | Side Project for learning OpenCV
November 2018 – December 2018 | Allegheny College, PA
- Used Python and OpenCV to map different facial characteristics to create vaporware effects.

EXPERIENCE

TEACHING ASSISTANT | CS 100
September 2018 – Present | Allegheny College, PA
- Work with students from CS100 and help them understand core concepts in object oriented designs.
- Help students find practical solutions to their labs without giving them the answers.
- Help students understand terms for their exams.

ALLEGHENY COLLEGE E-SPORTS | Vice President/Co-founder
Jan 2017 – Present | Allegheny College, PA
- Worked with the president and founder of the group to recruit students interested in Competitive E-sports on campus.
- Helped organize meetings with the Provost of the school and received $30,000 in funding from the school for gaming computers and other gaming hardware
- Continued recruiting efforts and extended the group to oversee three divisions, each for different games, each with different captains.

EDUCATION

ALLEGHENY COLLEGE
Bachelor of Science in Computer Science with minor in Psychology
Expected May 2020 | Meadville, PA

SKILLS

PROGRAMMING
Java • LaTeX • Python
C • CSS • HTML • SQL • JS

TECHNOLOGY
Github Flow • AWS • Linux
UNIX • Raspberry Pi • MySQL
Artificial Intelligence • JSON
Django • Reactjs • Gatsby

COURSEWORK

UNDERGRADUATE
Artificial Intelligence
Distributed Systems
Computer Organization
Database Systems
Linear Algebra
Web Development
Software Engineering

SOCIETIES

National Science Foundation Scholar
Prep for Prep

LINKS

LinkedIn:// **Isaac-Barrezueta**