

Yisel Breton

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Education

Bachelors in Information Technology & Informatics(ITI), Statistics minor

2017 - 2021

Rutgers University - New Brunswick, NJ

Cumulative GPA: 3.1/4.0 | Major GPA: 3.4/4.0 | Dean's List: Spring 2020

Experience

Research Assistant – Behavioral Informatics Lab

May 2020 – Current

Rutgers University School of Communication & Information

- Extracted and loaded data onto Excel to using Python for analyzation to identify search engine political bias based on geography for research project.
- Collected data for and classified data points using taxonomies in Excel for research project on difference in search engine autofills for English and Spanish languages.
- Maintain and update research lab's website to improve user experience and update lab member's profiles using HTML & CSS.

Webmaster

May 2020 – Current

Rutgers Climate Institute(RCI)

- Maintain two departmental websites with a combined amount of over 300,000 visitors.
- Maintained and monitored websites using a content management system and using HTML & CSS.
- Monitored and analyzed website traffic and analytics via Google Analytics to communicate findings to website owner.
- Designed, implemented, and monitored web pages and functionality for continuous improvement.

Research Assistant – Cyber-Physical Systems Lab

Jan 2020 – May 2020

Rutgers University School of Engineering

- Assisted in research lab project to enhance machine learning algorithm for data analysis.
- Shadowed Ph.D. student in developing Python program to detect anomalous data points in datasets.
- Enhanced Python programming skills, data analysis, and machine learning concepts.

Office of IT Accessibility Intern

December 2019 – May 2020

Rutgers University Office of Information Technology Accessibility Initiative

- Assisted team in conducting website and document accessibility audits using Deque Systems.
- Analyzed documents and university websites for accessibility infringements and checking for adherence to the Web Content Accessibility Guidelines (WCAG).
- Promote accessibility to Rutgers University faculty and students by assisting in training workshops.

Student Assistant – Hackerspace

September 2017 – March 2020

Rutgers University Computer Science Department

- Assisted students in picking out tools and hardware needed to complete their projects.
- Documented and kept track of tools and hardware checked out by students.
- Installed and maintained gaming systems and other software.

Skills

- **Programming:** Python, Java, SQL, R, SAS
- **Software:** GitHub, Microsoft Office, Microsoft Project, MySQL Workbench, Tableau
- **Web Technologies & Tools:** HTML&CSS, Joomla, WordPress, Windows Operating System
- **Other:** Data Analysis, Statistics, Research, Leadership, Communication

Extracurriculars

Girls Who Code College Loops – Co-President

May 2019 - Current

- Lead organization to achieve mission of guiding the next generation of women in tech.
- Organize workshops to promote the inclusivity of women and girls interested in the tech field.
- Teach middle school and high school students different topics in technology, and how to code.

Society of Hispanic Professional Engineers – Internal Affairs Committee Member November 2020 - Current

- Assist the Internal Affairs officer on the internal affairs between SHPE and other organizations.
- Volunteered in workshop to assist underclassmen in learning how to network with professionals.