Ariana Gamarra

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SKILLS

- **Programming Languages:** Python (Proficient), HTML (Proficient), CSS (Proficient), JavaScript (Familiar), SQL (Famliar), PHP (Familiar), Java (Familiar), R (Familiar)
- **Tools:** Komodo Edit, Atom, Git, Figma, DB Browser for SQLite, Canva, Tableau (Familiar)
- **Graphic Design Programs:** Adobe Photoshop and InDesign (Proficient)
- **Foreign Languages:** Spanish (Native)

EDUCATION

Cornell University - Ithaca, NY   *Expected Graduation May 2021*

- College of Arts and Sciences, Bachelor of Arts in Information Science and in Sociology (GPA 3.6)
- **Coursework**: Intro to Computing Using Python, Data Science, Intro and Intermediate Design and Programming for the Web, Intro Statistics, Object Oriented Programming and Data Structures

RESEARCH EXPERIENCE

iSchool Inclusion Institute (i3) – Pittsburgh, PA and Remotely   *Jun. 2019 – Present*
Research Fellow

- Conducting Human Computer Interaction research to improve online educational platforms for people with functional cognitive disabilities.

Anthropology Research - Colca Valley, Arequipa, Peru   *Jun. 2018 – Jul. 2018*
Undergraduate Researcher

- Oversaw community outreach for an archaeology team by collaborating with the Casa Cultural Colca to create an exhibit on a collection of oral histories.
- Led members of the community to realize how they can contribute to the preservation of their history and actively participate in their cultural center.
  - o Advisor: Dr. Matthew Velasco

American Museum of Natural History - New York, NY   *Aug. 2016 – Jun. 2017*
Research Assistant

- Conducted research to establish a health baseline for the endangered Burmese Star Tortoises.
- Organized data and ran descriptive statistics and models through the program R.
- Presented research results at the NYC Science Research Mentoring Consortium's 4th Annual Student Research Colloquium and wrote a final research paper.
  - o Advisor: Dr. Suzanne Macey and Collaborator: Michelle Barrera

PUBLICATION

- Raphael, B., S. Macey, S. Platt, T. Seimon, R. Ossiboff, B. Horne, **A. Gamarra**, et al. 2019. Health screening of Burmese star tortoises (*Geochelone platynota*) prior to introduction to the wild. Chelonian Conservation and Biology 18(2): (*In Press*).

ACADEMIC PROJECTS

Final Project for Data Science- Ithaca, NY   *May 2019*

- Web scraped information on Olympic gymnast to analyze trends on weights, heights, BMIs, and ages.
- Wrote a report to discuss discoveries in the data set and explain the descriptive statistics.

Final Project for Introduction to Computing Using Python - Ithaca, NY   *May 2018*

- Developed functions and method to simulate the card game Uno.
- Worked with classes and subclasses to develop the game.

Final Project for Data Science for All - Ithaca, NY   *May 2018*

- Created functions for classifying movies through K-Nearest Neighbors algorithm.
- Created a training and test set for the data.
- Tested accuracy of classifier on the whole data set.

EXTRACURRICULAR

Translator-Interpreter Program- Ithaca, NY   *Nov. 2017 – Present*

- Volunteer to translate English written articles and fliers for Spanish-speaking people in Ithaca.

LEADERSHIP ROLE

La Asociación Latina (The Latina Association) - Ithaca, NY   *Sept. 2017 – May 2018*
Freshman Representative

- Increased freshmen participation rate at the association's and umbrella associations' events.