

# Daniel Galarraga

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## EDUCATION

### CORNELL UNIVERSITY | BS IN COMPUTER SCIENCE

Expected Dec 2020 | Ithaca, NY

- Dean's List (All Semesters)
- Relevant Coursework: Intro to Computing, Object Oriented & Data Structures, Systems Programming (Fall 2018), Introduction to Analysis of Algorithms (Fall 2018), Discrete Structures (Teaching Assistant - Fall 2018)

## EXPERIENCE

### UNIVERSITY OF MIAMI | UNDERGRAD RESEARCH

May 2018 – Aug. 2018 | Miami, FL

- Worked with Mitsunori Ogihara to create a topic model that determines the main topics that are present in modern day music. This portion of the project involved the use of NumPy, Pandas, NLTK & Gensim.
- Created a Python script that helps show whether artists follow specific patterns of topics when devising their songs.

## PROJECTS

### PERSONAL WEBSITE | DEVELOPER

July 2018 | Miami, FL

- Implemented a responsive personal web-page (Tablet/Desktop) using HTML, CSS, Bootstrap and JavaScript.

### TIP APP | DEVELOPER

July 2018 | Miami, FL

- Utilized Android Studio and Java to create an application that computes the tip (taking into consideration the quality of service) for any given bill amount.

### AUDIO & VIDEO MERGER | DEVELOPER

Spring 2018 | Ithaca, NY

- Devised numerous Python scripts that allow a specified number of images from a web-cam to be taken, convert the images to a silent video and merge the recorded audio with the newly formed video.

## SKILLS

### PROGRAMMING LANGUAGES

Confident

Python • Java •  $\text{\LaTeX}$

Familiar

HTML • CSS • MATLAB

### HUMAN LANGUAGES

Native fluency:

English, Spanish, Portuguese

## ACTIVITIES

### ASSOCIATION OF CS UNDERGRADUATES | ACADEMIC OFFICER

Jan. 2018 - Present | Ithaca, NY

- Organize various computer science related workshops/presentations to help students build their technical skills and learn more about research opportunities in computer science.

### CORNELL ENGINEERING | AMBASSADOR

April 2018 - Present | Ithaca, NY

- Provide tours around the Cornell Engineering facilities and answer questions about engineering for prospective students.