

# Daniel Galarraga

114 Summit Avenue, Ithaca, NY - 14850

☎ (+1) 305-244-6622 | ✉ danielga11@hotmail.com | 🏠 <https://danielgalarraga.github.io> | 📱 danielgalarraga | 🌐 daniel-galarraga

## Education

### Cornell University

*Ithaca, NY*

B.S. IN COMPUTER SCIENCE

*Aug. 2017 - Dec. 2020 (Expected)*

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

## Experience

### Undergraduate Research

*University of Miami*

TEXT MINING RESEARCH PROJECT

*May 2018 - Aug. 2018*

- Utilized Python 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.
- Proposed and determined whether artists follow specific patterns of topics when devising their songs; supervised by Professor Mitsunori Ogiwara

### Teaching Assistant

*Cornell University*

COMPUTER SCIENCE DEPARTMENT

*August 2018 - PRESENT*

- Grade homework assignments/exams and hold weekly office hours for CS 2800: Discrete Structures.

## Projects

### Tip App

*Miami, FL*

DEVELOPER

*July 2018*

- 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.

### Video & Audio Merger

*Ithaca, NY*

DEVELOPER

*Spring 2018*

- 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:

Python (confident), Java (confident),  $\text{\LaTeX}$ (confident), HTML (familiar), CSS (familiar)

### Technologies:

NumPy, Pandas, NLTK, Gensim, BootStrap, Eclipse

### Human Languages:

English (fluent), Spanish (fluent), Portuguese (fluent)

## Activities

### Association of Computer Science Undergraduates

*Cornell University*

ACADEMIC OFFICER

*Jan. 2018 - PRESENT*

- 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

*Cornell University*

AMBASSADOR

*April 2018 - PRESENT*

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