Daniel Galarraga

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Education	**Cornell University**	*Ithaca, NY*
	Bachelor of Science in Computer Science	*Graduation Expected: May 2021*

	University of Miami	*Miami, FL*
	Dual Enrollment (while in high school)	*August 2016 - May 2017*
	Courses: Calculus II, Multivariable Calculus & Ordinary Diff. Equations	

Relevant Coursework

Introduction to Computing   Object Oriented Programming & Data Structures
Discrete Structures*   Linear Algebra
*Teaching Assistant (Fall 2018)

Experience

Undergraduate Researcher, University of Miami   *May 2018 - Present*
Created a Python script that utilized the LDA algorithm to build a topic model. The script also divides each song into segments to determine if songs ever deviate from one topic. This work involved the use of numerous modules: NLTK Gensim, NumPy and Pandas.

Skills

Computer Languages - Python (confident), Java (confident), CSS (familiar) MATLAB (familiar), HTML (familiar)

Python Stack - Gensim (confident), NumPy (familiar), Pandas (familiar)

Other Tools - NLTK, LaTeX, Eclipse

Human Languages - English (native), Spanish (native), Portuguese (fluent)

Independent Projects

Webcam & Audio Merger
Devised numerous Python scripts that allow a specified number of images from a webcam to be taken, convert the images to a video and merge the recorded audio with the newly formed video.

Activities & Interests

Association of CS Undergraduates - Academic Officer
Organize various computer science related workshops/presentations to help students build their technical skills and learn more about how to get involved in research.

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

Awards

Engineering Dean's List (all semesters)