Isabel Lucia Gomez

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EDUCATION
Expected May, 2021

Cornell University, College of Arts & Sciences, *Ithaca, NY*
- B.A.s expected in Computer Science and Linguistics
- 3.904 GPA, Dean's List all semesters
- Relevant coursework: Object-Oriented and Data Structures, Computational Linguistics, Algorithms, Artificial Intelligence, Information Retrieval, Computer Graphics

Thomas Jefferson High School for Science and Technology, *Alexandria, VA*   *Sep. 2013-June 2017*

WORK EXPERIENCE

Software Engineering Intern, Facebook, *Menlo Park, CA*   *May 2019-Aug. 2019*
- Full-stack web development on the Integrity Review Platform Accuracy team
- Implemented a web app in PHP and React to provide feedback to content reviewers
- Iterated on UI designs to optimize the user experience

Software Engineering Intern, Aurora Flight Sciences Corporation, *Manassas, VA*   *Jun. 2018-Aug. 2018*
- Created UIs in Java to pilot and communicate with an unmanned aircraft
- Spearheaded the use of a new UI framework, created documentation and trained other employees

Teaching Assistant, Cornell University, *Ithaca, NY*   *Oct. 2018-present*
- Object-Oriented Data Structures Honors (CS 2112), 2 semesters, received TA award
- Foundations of Artificial Intelligence (CS 4700), 1 semester
- Functional Programming (CS 3110), 1 semester
- Held weekly office hours, graded written and programming assignments, tutored students on Java, Python, OCaml, and effective coding practices

LEADERSHIP

President, Cornell University Deaf Awareness Project   *Jan. 2018-present*
- Create agendas and lead weekly board meetings, compile and teach weekly lessons, long-term goalsetting, budget management, collaboration with community members
- Successfully advocated for the establishment of American Sign Language classes at Cornell, involved in the professor's hiring process
- Work with community agencies to identify opportunities for service learning

TECHNICAL PROJECTS

Subreddit Recommender   *Mar. 2020-May 2020*
- Given a potential Reddit post, provide a recommendation of which subreddit would best house the post. Uses TF-IDF, cosine similarity, and SVD.

Cards Against Humanity Game Engine   *Apr. 2019-present*
- Simulated the popular card game in OCaml and Python through a networked commandline interface with extensive ASCII art

Computational American Sign Language Translation Research   *Sep. 2016-Jun. 2017*
- Designed and implemented a platform to translate ASL with a Leap Motion sensor and adapt to a user's dialect using SVMs and machine learning

SKILLS

Programming languages: Java, Python, OCaml, HTML/CSS, PHP, Javascript, React
Technical skills: Full-stack web development, front-end development, Git, machine learning, Adobe Photoshop
Other: Spanish, American Sign Language, photography, graphic design