

# Jessica Tweneboah

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## OBJECTIVE

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To secure a summer internship/co-op to gain hands-on experience in the computer and electrical engineering industry.

## EDUCATION

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**Cornell University**, College of Engineering, Ithaca, NY  
Bachelor of Science, Electrical and Computer Engineering

**Expected May 2023**

**Relevant Courses:** Intro to Computing with Python; The Computing Tech in Smart phones; Digital Logic and Computer Organization; Computer Systems Programming

## RESEARCH EXPERIENCE

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**Investigating implicit interest indicators**, Cornell University, *Undergraduate Researcher* **Jun. 2020- Aug. 2020**

- Collaborated with a team of three to investigate detecting handedness in smart phones
- Analyzed data with iPython, using modules such as numpy, matplotlib, sklearn and pandas
- Implemented OpenCV and dLib modules in face recognition algorithms
- Preprocessing images and videos using Python

## WORK EXPERIENCE

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**Cornell Information Technologies – arXiv**, *Student System Admin* **Aug. 2020-Present**

- Provided systems and administrative support for the platform
- Oversaw deployment of new systems, including system testing and response to use feedback.
- Provided input based on daily operations experience to arXiv application development team.

## LEADERSHIP EXPERIENCE

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**Academic Excellence Workshop for General Chemistry**, Cornell University, *Facilitator* **Aug. 2020-Present**

- Prepare active learning activities to get students working together and with course materials to deepen learning
- Co-develop creative worksheets to help students apply information while working collaboratively with peers
- Lead energizer activities to get students interacting and reviewing pertinent course content to be covered in the workshop

## CAMPUS INVOLVEMENT

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**National Society of Black Engineers**, Cornell University, *Member*

**Sep. 2019-Present**

**North Campus Service Center**, Cornell University, *Community Service Assistant*

**Oct.2019-March 2020**

## SPECIALIZED SKILLS

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**Programming Languages:** Python, C, C++, Verilog

**Tools:** HTML, CSS, JavaScript, jQuery, Bootstrap

**Data Analysis:** iPython, OpenCV, dLib