

# Cherie Francis

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## EDUCATION

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**Stanford University, Stanford, CA, USA | Expected Graduation Date: June 2023**

Prospective B.S. in Mechanical Engineering

**GPA:** 4.0/4.3

**Relevant Coursework:** Soft Robots for Humanity, Programming Methodology with the use of the Python Programming Language, Physics with a focus on Mechanics and Electricity, Linear Algebra, Differential Equations

**Hampton School, St. Elizabeth, Jamaica | Graduation Date: June 2019**

**GPA:** 4.6/4.7

**National Awards:** 3rd in Jamaica for Caribbean Advanced Proficiency Examinations (CAPE) Chemistry Unit 2 (2019)

**Internal Awards:** 1st in CAPE Pure Mathematics Unit 2, Physics Unit 2 and Chemistry Unit 2 (2019) | 1st in CAPE Pure Mathematics Unit 1 and Computer Science Unit 1 (2018) | 1st in Caribbean Secondary Examinations Council (CSEC) Additional Mathematics (2017)

## SKILL AND INTERESTS

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**Technical:** Python, C, Pascal, MATLAB, Fusion360 (CAD), Microsoft Office, Google G-Suite

**Additional Skills:** Written & Verbal Communication, Design, Social Media, Advertisement

**Languages:** Native English, Intermediate conversational and written Spanish, basic conversational Korean

**Interests:** Robotics, Product Design, Programming, Sustainability, Foreign Languages, Data Science

## WORK EXPERIENCE

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03/2020-08/2020: **Administrative & Marketing Coordinator**, *BEAM Stanford Career Education*, Stanford, CA

- Approved employers on Handshake (a job application platform)
- Conducted research on companies to ensure they are professional, reliable organizations for potential employees

## ADDITIONAL EXPERIENCE

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09/2018-06/2019: **1st form Supervisor**, *Hampton School*, St. Elizabeth, Jamaica

- Supervised a staff of 10 sub-prefects and prefects who were responsible for enforcing school rules
- Ensured 180+ first year students practiced proper etiquette, punctually arrived at school assemblies on weekdays and followed instructions given by persons of higher authority
- Formulated ideas alongside 70+ prefects in an effort to make certain that younger students were organized during daily activities

## PROJECTS

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11/2019-12/2019: **Protective Trapper Soft Robot**

- Collaborated with a lab partner to conceptualize, design and build a Venus fly trap inspired soft robot
- Constructed device from common household materials which utilized a bistable mechanism to safely encapsulate falling objects

## LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

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<i>Advertisement &amp; Design Chair</i> , <b>Stanford Lion Dance</b>	01/2020-Present
<i>Frosh Outreach</i> , <b>Stanford Caribbean Students Association</b>	10/2019-Present
<i>Member</i> , <b>Black Youth Teams Engineering Success (BYTES)</b>	10/2019-Present
<i>Member</i> , <b>Stanford Undergraduates in Mechanical Engineering (SUME)</b>	10/2020-Present
<i>Member</i> , <b>Students for a Sustainable Stanford (SSS)</b>	10/2020-Present
<i>Member</i> , <b>Stanford Women in Computer Science</b>	10/2019-Present