

Cherie Francis

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EDUCATION

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, Chemistry Unit 2 (2019), 1st in CAPE Pure Mathematics Unit 1, Computer Science Unit 1 (2018), 1st in Caribbean Secondary Examinations Council (CSEC) Additional Mathematics (2017)

WORK EXPERIENCE AND PROJECTS

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

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

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

ADDITIONAL EXPERIENCE

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 worship sessions 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

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

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

SKILL AND INTERESTS

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

Languages: Native English, novice conversational Spanish, intermediate written Spanish, basic conversational Korean

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

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