**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**

*Advertisement & Design Chair*, **Stanford Lion Dance** 01/2020-Present

*Frosh Outreach*, **Stanford Caribbean Students Association** 10/2019-Present

*Member*, **Black Youth Teams Engineering Success (BYTES)** 10/2019-Present

*Member*, **Stanford Undergraduates in Mechanical Engineering (SUME)** 10/2020-Present

*Member*, **Students for a Sustainable Stanford (SSS)** 10/2020-Present

*Member*, **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