

EDUCATION**Occidental College, Los Angeles, CA**

Expected May 2023

Bachelor of Arts, Major: N/A; Minor: N/A

Relevant Coursework: Fundamentals of Computer Science (in progress)

Mount Vernon High School, Alexandria, VA

June 2019

IB Diploma Graduate

GPA: 4.421

Awards & Honors: Coed Cross-Country Varsity Letter (11th, 12th), Jefferson Book Award Recipient 2018

Relevant Coursework: IB Chemistry Higher Level II, IB Environmental Systems and Societies

EXPERIENCE**A Place To Stand, Alexandria, VA***Volunteer Coordinator*

September 2019 – May 2019

- Managed messaging and community commitments with volunteers on a weekly basis
- Assured positions were filled for the Sunday's farmers market for delivery to a warehouse and the school
- Contacted Panera Bread managers with bread pickup schedule for volunteers to deliver weekly to school

Independent Research, Alexandria, VA*The effect of amounts of Chitosan Hydrogel on its ability to bond to Hydrochloric Acid* September 2019 – February 2019**Purpose:** Explored the chemical properties of Chitosan Hydrogel (CS-H) as an alternative treatment to reflux disease**Literature Review:** Gathered laboratory studies on the medical and industrial applications of CS-H alkaline and gel forming properties**Analysis:** Measured the temperature change of the chemical reaction between incremental amounts of CS-H with Hydrochloric acid (HCl) as an indicator chemical readiness to bond to HCl**Conclusion:** Concluded that CS-H holds the possibility as a novel treatment based on its amine group to react with HCl and its gel-forming and biodegradable properties for better drug delivery. However, CS-H was limited in its need for further research on its alkaline effectiveness for potential scalability compared to current treatments of reflux disease**Presentation:** Presented findings in the Mount Vernon High School 2018 Science fair and the 2018 Fairfax County Regional Science and Engineering Fair**INOVA Mount Vernon Hospital, Alexandria, VA***Desk Receptionist*

August 2018 – May 2019

- Requested individuals to sign for patient visits and give visitor badges
- Maintained confidentiality with patient information and room details
- Answered any inquiries about the hospital

Mount Vernon High School Garden, Alexandria, VA*Volunteer*

April 2018 – May 2019

- Helped build a school garden with a non-profit organization
- Maintained the cleanliness of the garden weekly
- Watered the plants and vegetables in 2-day

LEADERSHIP AND ACTIVITIES**Mount Vernon High School CONNECT Program, Alexandria, VA***CONNECT Ambassador/Advisory Board Member*

September 2018 – March 2019

- Collaborated with other student Board members on recreational and activity improvements of the program
- Helped freshman and new students connect with Mount Vernon High School
- Mentored freshmen in monthly meetings on their new journey
- Participated in monthly trainings to conduct activities involving school spirit and character for freshmen

Skills**Technical:** Python (In Progress)