**LIYA MULUGETA**

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**EDUCATION**

**University of California, Berkeley**  May 2022

*B.A. in Computer Science* GPA: 3.7

* **Completed Coursework:** Structure and Interpretation of Computer Programs, Introduction to Teaching Computer Science, Foundations of Data Science, Web Design, Calculus
* **Fall 2019 Coursework:** Data Structures, Discrete Mathematics and Probability Theory

**North Seattle College** (2016-2018)GPA: 3.8

* **Coursework:** Linear Algebra, Multivariable Calculus, Calculus II, Introduction to General Chemistry, Introduction to Organic Chemistry & Biochemistry

**PROFESSIONAL EXPERIENCE**

**Bruce Lab, University of Washington School of Medicine** | Seattle, Washington June 2017 – September 2017

*Undergraduate Research Associate*

* Performed data analysis and image processing on proteins for my own project in order to verify the quality of monomeric Avidin bead-biotin interaction, an essential component of my senior fellow’s research.
* Presented the results of my research to my senior fellow who used the results to help her explain expected variations in data using the Avidin beads.

**AWARDS**

* 2018 Regents’ and Chancellor’s Scholar (one of the top 15 out-of-state award recipients from 89,000+ applicants)
* 2018 UC Berkeley Leadership Award Winner
* 2018 Computer Science Scholar

**LEADERSHIP AND EXTRACURRICULAR ACTIVITIES**

**College of Engineering at UC Berkeley** |Berkeley, CA February 2019 – May 2019

*Data Science Tutor*

* Weekly led one-to-one data science tutoring appointments and implemented empirically proven methods of teaching.
* Worked alongside course staff to teach concepts such as data analysis, Python, and statistics.
* Alongside CS 370 - Introduction to Teaching Computer Science.

**SENDforC at UC Berkeley** (STEM mentorship program) | Berkeley, CA September 2018 – May 2019

*Computer Science Curriculum Director-Intern*

* Facilitated the development of both computer science and biological sciences curricula by UC Berkeley students.
* Curricula is taught to high school classes at underserved schools over the course of the Spring 2019 semester.

*(Former) Mentor & Curriculum Development Committee Member*

* Mentored 25 high school students once a week in Summit K2 High School located in El Cerrito.
* Developed 10 weeks’ worth of computer science and life sciences curricula for high school students.

**Equal Means** (Nonprofit Scholarship Program) | Seattle, Washington August 2016 – July 2018

*Director*

* Raised hundreds of dollars to provide full tuition scholarships to students from a secondary school in rural Kenya.
* Brought internet access to the 219 students in the school.
* Presented to community audiences of 1,000+ on the social impact of the program in order to raise funds.

**UNICEF Club** | Seattle, Washington August 2015 – July 2018

*Founder and President*

* Founder and President of my high school’s UNICEF chapter, one of the first in the state of Washington.
* Ran several successful community fundraisers, one of them raising 6,132 days’ worth of clean water for families in need.

**ACT Conference** (Student-led regional conference) | Seattle, Washington September 2015 – March 2016

*Co-director of Global Committee & Student Ambassador*

* Spent months planning logistics to host and lead 200+ attendees to a two-day regional conference.
* Established partnerships with high-profile humanitarian speakers and organized workshops on student-led activism.

**SKILLS**

**Computer:** Python, SQL, Scheme, HTML, CSS, JavaScript, Ruby, Git, Jupyter, Adobe XD, MS Excel, Word, Power Point