

5109746768
mehulnair2005@gmail.com
mehulnair@berkeley.edu

Mehul Nair

EDUCATION

Bachelors of Science in Nuclear Engineering
UC Berkeley

Aug 2022 - May 2026 (expected)

GPA (*as of 12/26/2022*): 4.0

Current Coursework: MSE 45/45L, Physics 7B, Math 54, Engin 11, ESPM 155AC

Past Coursework: Math 53, Engin 7, French R1A, NucEng 10

High School Diploma
Washington High School

Aug 2018 - Jun 2022

Weighted GPA: 4.33

State Seal of Bi-literacy, National Merit Finalist, AP Scholar with Distinction

WORK EXPERIENCE

Undergraduate Research Assistant
UC Berkeley

Sep 2022 - Present
Berkeley, CA

- Polished epoxy samples for SEM
- Conducted Vickers hardness testing on epoxies used for superconducting accelerator magnets
- Helped adapt a MATLAB heat transfer simulation to work with REBCO at quench temperatures

Technical Director
Rising Youth Association

Jun 2020 - May 2022
Fremont, CA

- Helped mobilize RYA's technical front during the transitioning of RYA's programs to online only as a result of the COVID-19 Pandemic
- Oversaw the management of RYA's online presence

PROJECT

REBCO Simulation Study

Sep 2022

- Adapted a simulation initially reserved for a single material to work with multiple materials
- Currently working on improving the physics used in the simulation to better simulate the heat transfer

SKILLS

Programming MATLAB, Python (Beginner), Java (Beginner), L^AT_EX (Elementary)

Languages English, Spanish (intermediate), Malayalam (native)

Other Leadership, Interpersonal Skills