Khushi Gupta

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Objective: With a passion for quantitative systems, prospective Electrical Engineering Major seeking to apply skills as well as develop experience.

EDUCATION

Dublin High School, Dublin, CA — *In Process*

AUGUST 2017 - PRESENT

- **Dublin Engineering and Design Academy (DEDA)**
- **DEDA Mentorship Program**
- **Project Lead the Way (PLTW)**
- **STEM Classes:**
    - Introduction to Computer Information Systems (Taken concurrently at Las Positas College), Computer Science Principles, Honors Chemistry, Honors Principles of Engineering, AP Chemistry, AP Calculus AB/BC, Honors Digital Electronics

WORK EXPERIENCE

- *Cisco High Externship* — **Cisco,** San Jose, CA
  JUNE 2020

  Met with Cisco Executives and completed a final Capstone project. Additionally participated in the mentor program.

- *E-book helper* — **Alameda County Library,** Dublin, CA
  OCTOBER 2019 - PRESENT

  Assisted seniors in how to use apps such as Libby, Overdrive, and RB digital to manage digital books. Troubleshot any problems.

PROJECTS

- **Aluna Research Fellow,** Dublin, CA
  AUGUST 2020 - PRESENT

  Completing research on the computing the stages of liver fibrosis and using AI Biomedical Image Analysis on CT and MRI scans.

- **Alameda County Science Fair,** Dublin, CA
  OCTOBER 2017 - APRIL 2018

  Created a robot with a raspberry pi, mini camera, and a metal caddy. Wrote a program for the robot and the layout for the web page to control the robot utilizing a plethora of languages(CSS, HTML, and Python).

LEADERSHIP EXPERIENCE

- *Organizer/Co-Lead Teacher* — **WeCanToo Program,** Dublin, CA
  JULY 2020

  Led a webinar to teach 6th-9th grade girls to build a website using HTML and CSS.

- *President* — **STEMFuture,** Dublin, CA
  AUGUST 2020

  Organized team to raise awareness on local events. Designed Instagram posts.

- *Secretary and Tutor* — **Teen Tutors,** Dublin, CA
  APRIL 2020 - PRESENT

  Volunteered to tutor children from elementary to middle school about 3 hours every week in STEM and Language Arts.

CORE COMPETENCIES

- Xcode
- HTML
- CSS
- Python
- Java Script
- GitHub
- Repl.it
- Microsoft Office
- Google Suite
- Net Logo
- Robot C
- MIT App Inventor
- Scratch

AWARDS AND CERTIFICATIONS

- MTA Certified in HTML and CSS
- Honorable Mention from Alameda County Science Fair
- Academic Block D
- Honor Pin
- Scholar Athlete
- MVP of the Day (Cisco Externship)
- 4.0 GPA Freshman Year
- 4.5 GPA Sophomore/Junior Year
- NCWIT Certificate of Distinction
- Seal of Biliteracy
- CSF Lifetime Membership

LANGUAGES

- English – *Proficient*
- Spanish – *Intermediate*
- Hindi – *Intermediate*

EXTRACURRICULARS

- **GET SET (Girls Exploring Science Engineering and Technology)** – 3 years – Participated in workshops to widen comprehension of STEM careers.
- **Classical Indian Dance (Bharatanatyam)** – 9 years – *Advanced level* – Rigorous performances for charity or cultural events
  Junior Varsity Lacrosse – 2 seasons – Participated in the daily practices and frequent games.