Christy Koh

3354 Vittoria Loop
Dublin, CA 94568
(925) 577-9881
christy.koh.wei.en@gmail.com

OBJECTIVE

Competitive and driven student seeking experience to build toward a career in engineering.

EXPERIENCE

Gael Force Robotics, Dublin High School — Team Captain

JUNE 2017 - PRESENT

- Competed in VEX Robotics Challenge
- Formed comprehensive strategies for robot design
- Directed team members to achieve meeting objectives
- Liaised with other teams to share ideas and form alliances
- Researched, designed, constructed, and tested mechanisms for robot

AFA CyberPatriot Competition, Dublin High School — *Co-Captain*

AUGUST 2016 - DECEMBER 2016

- Secured Ubuntu, Windows, and Windows Server 2008 Server virtual machines
- Devised new strategies and planned out time management during competitions
- Led team to advance to Gold State Round

Fallon Engineering Lab, Fallon Middle School — *Mentor*

SEPTEMBER 2015 - FEBRUARY 2016

- Developed the concept of a line-following robot, then guided middle school students in construction and programming.
- Troubleshooted and debugged robots on the spot during competitions.

EDUCATION

Dublin High School, Dublin, CA

AUGUST 2015 - PRESENT

GPA: 4.71

Enrolled in Engineering and Design Academy, Computer Science

Relevant Coursework:

- Computer Science / Software Engineering
- Principles of Engineering
- AP Chemistry
- AP Computer Science

SKILLS

Using and troubleshooting technology.

Programming in HTML/CSS, PHP, Javascript, Java, C, and Python.

App creation; Server and Client Side Programming.

Planning and organization.

AWARDS

1sr Place, Engineering Design Presentation (2017) and 2nd Place, Engineering Design Showcase (2016) for developing and creating an excellent application.

Best Presentation, COSMOS UCD Chemistry of Life for proposing a novel solid-state photocathode for an inexpensive photovoltaic cell.

Scholastic Art and Writing Gold and Silver Keys (2015) for evocative writing in Short Story and Flash Fiction.

LANGUAGES

English (fluent)
Mandarin (fluent)
French (basic)