Andrew H. Lu

Projects

Mobile Event Ticket Scanner / Attendance System

January 2017 – present. View this project at dvhsbluecrew.github.io.

- Develop a web application for mobile devices that scans attendee tickets and validates them using a Google Script server
- Work with a fundraising committee to deploy the ticket scanner for a 500 guest school dance.

Fundraiser POS and Inventory Manager

March 2017.

- Develop a simple POS application that tracks student sales and inventory for a chocolate fundraiser benefitting DVHS Music.
- Doubled fundraiser profits compared to previous year by streamlining chocolate distribution and developing a tool to track class sales, allowing for competition.

Experience

President - DVHS Robotics

August 2013 – June 2017. Treasurer, Vice President, President.

- Oversee competitive robotics teams and club operations, host many local tournaments in Northern California, and maintain positive relationships with other teams and event planners.
- Participate in the VEX Robotics Competition for four years as a robot designer. Competed at the State Championships three seasons and the World Championships for two; won Champions in the 2016 State Championship and Finalists in 2015.

DVHS Band Council

September 2014 – June 2017. Fundraising Committee Leader, Librarian.

- Oversee planning for our annual dance fundraiser, Blue Pearl. Plan various fundraisers including the chocolate bar fundraiser (refer to projects above). Host community bonding events and manage distribution of music in our library.

Current Student At

University of California, Santa Barbara

B.S. in Electrical Engineering

Graduating in 2021

Feel Free to Reach Out!

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