Leo J. Gold

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EDUCATION

University High School of Science and Engineering

Hartford, CT   Anticipated Graduation June 2020
Cumulative Weighted GPA - 4.492

University of Hartford

West Hartford, CT   University classes taken during grades 10, 11, 12
Cumulative GPA - 4.0

EMPLOYMENT AND VOLUNTEER EXPERIENCE

Cigna TECDP High School Intern - Summer 2018 and 2019

Worked within the Software Engineering & Innovation (2018) and Innovation and Partner Management (2019) departments on real software engineering teams developing both internal and external web applications.

School IT Technician - 2019-2020 School Year

A volunteer position, take care of technology needs of the school—fix printers, projectors, phones, computers, etc. Recently rewired the gym sound system.

School Website - 2017-2020

➢ Helped to develop and currently maintain high school website (uhsse.org)
  ➢ https://github.com/UniversityHigh/uhsse.org
➢ Developed an online editor for the school website to allow easy editing of the website by school administrators and staff.

LEADERSHIP EXPERIENCE

FIRST Robotics Team 1991 (2016-Present)

2019-2020 - Team Captain
Responsible for leading and organizing our robotics team, overseeing the subteams, and providing guidance and support to all members.

2017-2019 - Electrical Captain
Taught electronics to subteam members and led the wiring of the robot; responsible for delegating tasks to other members on the electrical subteam.

2018-2019 - Programming Captain
Taught programming to fellow students and led the development of the 2019 Robot Code; responsible for delegating tasks to other members on the programming subteam.

Projects on the Team:
Vision Processing Application for detecting color signatures
- Developed a vision-tracking application to detect a yellow cube for the 2018 FIRST Robotics Competition game. Below are links to the code for the project.
  ■ https://github.com/LeoPiGuy/GRIP-Vision
  ■ https://github.com/LeoPiGuy/PixyVision

Walter Harrison National Honor Society (2018-Present)

Run community service events, coordinate activities for the school, and raise money for nonprofit organizations such as Heifer International.

2019-2020 - Treasurer
Responsible for ensuring adequate funds for our community service activities. The leadership team meets at least once a week.

Student Council Treasurer (2018-Present)

Responsible for fundraising, collecting and filing class dues, etc. Make decisions regarding class t-shirts and yearbook. Meet 2-3 times per week, planning many events including the homecoming dance, and Junior and Senior prom.

AWARDS

➢ High-Honor roll every marking period
➢ Class Award (given to the top student in the given class)
  ➔ Conceptual Physics Award
  ➔ Algebra 2 Award
  ➔ AP Biology Award
  ➔ AP Lang & Comp Award
➢ High Honor academic award from Johns Hopkins Center for Talented Youth
➢ Yale Book Award
➢ 2019 Fishman Fellow Award from The Maurice Greenberg Center for Judaic Studies (Univ. of Hartford)
➢ School Robotics Award (Grades 10 and 11)

HOBBIES

Tap Dancing (2006-Present)

Dancing since age 3, perform in biennial recitals with my brothers, recently performed my first solo. tap.leopiguy.com.

Percussion (2018-Present)

Weekly lessons in drum set and snare drum technique.

Drone Piloting (2018-Present)

Record scenic videos and photos from the sky.

Personal Website

Currently developing a personal website using modern technologies to make a responsive and interactive web portfolio.
  ○ www.leopiguy.com