

Leo J. Gold

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EDUCATION

University of Connecticut

Storrs, CT BS, expected May 2024
Major: Electrical Engineering | Cumulative GPA - 4.0

University of Hartford

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

University High School of Science and Engineering

Hartford, CT Graduated June 2020
Cumulative Weighted GPA - 4.5

EMPLOYMENT AND VOLUNTEER EXPERIENCE

Cigna TECDP High School Intern - Summer 2018, 2019, 2020

Worked within the Software Engineering & Innovation (2018), Innovation and Partner Management (2019), and Software Innovation (2020) departments on real software engineering teams developing both internal and external web applications.

School IT Technician - 2019-2020 School Year

A volunteer position, took care of technology needs of the school—fixed printers, projectors, phones, computers, etc. Rewired the gym sound system.

School Website - 2017-2020

- Helped to develop and maintain high school website ([uhsse.org](https://github.com/UniversityHigh/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

UConn Electrical and Computer Engineering (ECE) Discord

Founded and continue to run a Discord server for the UConn Electrical and Computer Engineering department. Currently, with over 120 members, this Discord server has been a great way for UConn ECE students to interact amidst the COVID-19 pandemic.

FIRST Robotics Team 1991 (2016-2020)

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 links to the code for the project.
 - <https://github.com/LeoPiGuy/GRIP-Vision>
 - <https://github.com/LeoPiGuy/PixyVision>

Student Council Treasurer (2018-2020)

Responsible for fundraising, collecting, and filing class dues, etc. Make decisions regarding class t-shirts and yearbook. Met 2-3 times per week, and planned many events including the homecoming dance, and Junior and Senior prom. Also handled the redistribution of funds to students following the COVID-19 pandemic.

AWARDS

- UConn STEM Academic Scholarship
- UConn FIRST Robotics Scholarship
- 2019 Fishman Fellow Award from The Maurice Greenberg Center for Judaic Studies (Univ. of Hartford)
- Department Scholar in Mathematics and Social Studies in high school
- High Honor academic award from Johns Hopkins Center for Talented Youth
- Attained High-Honor roll every marking period of High School
- Recipient of the Yale Book Award
- School Robotics Award (Grades 10, 11, and 12)

HOBBIES

UConn Formula SAE (Current)

As a member of the electronics and cost reporting teams, I work on designing electrical components for the team and recording the costs of these parts.

Tap Dancing (2006-Present)

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

Percussion (2018-2020)

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