

WILLIAM RUBIN

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RESEARCH EXPERIENCE

11/20 – 05/21

PHYTOPLANKTON EXPERIMENT, PERSONAL EXPERIMENT

Developed edible source of food utilizing ocean water by extracting phytoplankton from the water and introduced yeast with it to create a tasteless form of food for human consumption.

09/2019 – 05/21

DEVELOPER, Breast Implant Design

Developed an application for iOS and Android named “Breast Implant Design” to assist women with breast cancer, whom have had mastectomies, try on breast implants of different sizes utilizing a mobile device in the comfort of their own home to allow for a more private experience for them before a visit to the plastic surgeon’s practice.

05/2015 – 05/17

DATA RECORDER, PSORAZONE LLC

Assisted Dr. Jeffrey Rubin by performing research and record keeping related to the company’s psoriasis cream invention. The research involved organic chemistry as well as pharmaceutical materials to assist *Psorazone LLC* with their trademark applications around the world.

06/2021 – PRESENT

WEB DEVELOPER, FIVERR

Utilizing Django in Python and React + Redux to program basic websites to display customers’ work, such as that of art, or music onto their own web page.

EDUCATION

08/2021 – PRESENT

ASSOCIATE IN ARTS IN COMPUTER SCIENCE, Pasadena City College **pasadena, ca**

Relevant Coursework: First Year Seminar (COLLEGE 1), Reading and Composition (ENGLISH 001B), General Chemistry and Chemical (CHEMISTRY 001A), and Single Variable Calculus I (MATH 005A).

08/2018 – 05/2021

GRADUATED, gulf Coast high school

NAPLES, FL

Relevant Coursework: AP Biology, AP World History, AP Environmental Science, AP English Language and Composition, AP Seminar, AP Psychology, AP U.S. History, Foundations of Programming, Procedural Programming, and Pre-Calculus. Graduated as a Merit Scholar and Summa Cum Laude with a 5.02 GPA. Top 7% of my class.

SKILLS

JavaScript Programmer (React + Redux)

Python Programmer

Intermediate Spanish Speaker

Basic Website Developer (WordPress Websites)

Outgoing Character Trait

ACTIVITIES

Currently participating within Lancer Motorsports, a club within Pasadena City College and California Institute of Technology that creates Formula SAE racecars. I am part of the Frame Team, which is responsible for building the base of the car utilizing a fabrication laboratory. Currently participating within She.Codes, a Society of Women Engineers Affiliate club that connects with professional in the computational field to further support females and nonbinary students in STEM.

Currently participating within the Computer Science Club, which is a club comprised of students within the computational field seeking help/assistance with personal projects to further their education and knowledge of programming languages.

Participated within the Science Club in Gulf Coast High School.

Participated within the Key Club within Gulf Coast High School assisting the homeless through the *Meals for Hope* organization and leading the *Farm City BBQ* within Naples, Florida, in which different restaurants and food trucks catered to the event and I set up tables and marked which restaurant/food truck goes to what table.

Created a GoFundMe in which I donate all the proceeds to an organization named *Friends in Deed*, a non-profit organization that assists the homeless by providing them with showers, food, and other amenities.

ACHIEVEMENTS / HONORS

Microsoft Word Certified in 2016.

Adobe Photoshop Certified in 2017.

Microsoft PowerPoint Certified in 2017.

Honor Society in Gulf Coast High School in school year of 2020-2021.