WYATT PHILLIPS

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OBJECTIVE

To broaden my experience in engineering and computer science by completing various projects related to these fields.

SKILLS

- Understanding of Engineering Physics
- Understanding of Engineering Calculus
- Programming in Java
- Beginner in HTML & CSS
- Electronics Hobbyist
- Project Management
- Leadership Ability
- Programming in C
- Beginner in JavaScript & PHP
- Understanding of Basic Circuit Design

EXPERIENCE

MAY 2018 – PRESENT
STOCK CLERK, VINNIN LIQUORS
WORK WITH STOCK TEAM ON MANAGING QUANTITY OF PRODUCTS SOLD.

MARCH 2018 – JUNE 2018
CO-FOUNDER, TRUSS TECHNOLOGIES
Oversaw designing and implementing systems to prevent gun violence using the latest technology and research. Truss Technologies is a student-oriented startup at Wentworth.

MAY 2013 – PRESENT
OWNER, MARVEL CLEANING COMPANY
Manage and clean multi-residential condominiums and commercial buildings.

EDUCATION

WENTWORTH INSTITUTE OF TECHNOLOGY
INTERDISCIPLINARY ENGINEERING
SEPTEMBER 2017 – PRESENT
GPA (as of December 2018): 3.914

SWAMPSCOTT HIGH SCHOOL
CLASS OF 2017

ENTREP101X: ENTREPRENEURIAL OPPORTUNITIES: MAKING IDEAS FLY
HTTPS://COURSES.EDX.ORG/CERTIFICATES/6F7016E165A04CA094301AF5825D7EA1

PROJECT101X: INTRODUCTION TO PROJECT MANAGEMENT
HTTPS://COURSES.EDX.ORG/CERTIFICATES/C1E8194C8C8F4DC08E845D6A624DD035

CLUBS/ORGANIZATIONS

Member of the new Accelerate Makerspace team. Assists with running events and organizing the space.

Member of First Robotics Team "Swampscott Currents – 4311".

President and Co-Founder of SHS Tech Ninjas, an initiative to bring technical literacy skills to older generations

PROJECTS

VERIFACE [FEBRUARY 2019]

A face verification program that uses a pretrained, deep learning model to verify the authenticity of people in videos. Contributed to the back-end python script that works alongside the deep learning library. Made and presented at BrickHack V in Rochester, New York.

HYDROPHOBES' USV [FEBRUARY 2019]

An unmanned surface vehicle that uses a hydrophobic sponge coated with a polymer to absorb and clean up oil floating on the ocean's surface. This project won at Makeharvard 2019 for "Dixie Chemical: Composite Materials Design Award"

CRYPTOBUDDY [NOVEMBER 2018]

A personal sandbox encrypter that allows users to securely send messages with no back doors. Was made and presented at HackWITus, a 24-hour student hackathon at Wentworth.

TRIGGERX [JUNE 2018]

An electronic device that prevents guns from firing in restricted areas to prevent mass shootings.

WIRELESS CHARGING APPARATUS [APRIL 2018]

My first-year engineering project made use of electromagnetic induction to charge devices wirelessly. I was partnered with two electrical engineers that each designed a certain module for the system.

REDROCK JUNCTION: THE WORLD'S FIRST INTERNET-CONTROLLED MODEL RAILROAD [JANUARY 2018]

Partnering with a student from Monserrat College of Art to make a miniature model railroad with a Raspberry Pi controlled driving system. I oversee electronic design and software programming.

XYFI – AN INTERNAL POSITIONING SYSTEM [MAY 2017]

Designed and Built a 2D Mapping System using sonar sensors for my high school senior project.