

Jerry Chang



EMAIL jerrychang22@gmail.com

PHONE 347-557-5148

PRESENT ADDRESS 917 Clinton St. Apt 1D, Hoboken, NJ, 07030

LINKEDIN linkedin.com/in/jerrychang22/

EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Bachelor of Engineering in Mechanical Engineering

Expected 2021

Course Work : Intro to Robotics, Control Systems, Intro to Modern Control Engineering, Design of Machine Components, Thermal Engineering, Fluid Dynamics, Engineering Design

GPA : 3.791

Stuyvesant High School

New York, New York

GPA : 4.0

SKILLS

SolidWorks	Word
AutoCAD	Excel
Machining	PowerPoint
ANSYS	LabVIEW

PROGRAMMING

Python	Matlab
Java	HTML/CSS/JS
C	SQL
C++	VBA

EXPERIENCE

Con Edison

Engineering Aide Intern

May 2019 - December 2019

- Performed analysis in Excel of patterns in various case categories such as electrical voltage/phase, feeder and network location, and case status
- Wrote several scripts in SQL and macros in Excel to streamline reports and internal processes to save 30 minutes per day
- Created a short-term and long-term solution for managing customer inquiries

L3Harris Technologies

QA Associate

September 2018 - January 2019

- Performed series of tests such as ionic cleanliness testing and tensile strength testing to determine if part quality was within military and company specifications
- Operated an X-ray machine to inspect and search for flaws within FPGA circuits
- Created reports analyzing inspection findings and performed root cause analysis on failure types

Engineering Design

Robot Design

August 2017 - December 2017

- Developed the overall design of the robot in SolidWorks
- Designed and 3D-printed sonar sensor mounts
- Programmed the autonomous routines for the robot
- Guided team partners in machine usage, wiring practices, and soldering techniques

Stuyvesant High School FIRST Robotics Team 694

Lead Machinist, Design Team

September 2015 - June 2017

- Manufactured parts for a robot using mills and lathes
- Prototyped and aided in the design of the overall robot
- Led design groups for mechanism subassemblies like an integrated hopper/feeder and a cube intake
- Currently a mentor : 2017 - 2020

U.S. Citizen

Available May 2020 - August 2020