

COMP O. SITE

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U.S. Citizen

EDUCATION

Carrick High School Pittsburgh, PA
Overall GPA: 3.31/4.00

June 2020

RELEVANT COURSES

Intro to Materials Science and Engineering Transport of Materials
Calculus in 3D Advanced Programming in Java
Physics I, II for Engineers Structures of Materials

SKILLS

Applications: Minitab, Labview, MathCAD, Java, Python, MS Office
Instruments: Furnace, Optical Microscope
Spoken Languages: Conversant in Spanish

WORK EXPERIENCE

CARRICK HIGH SCHOOL

Research Assistant, Materials Science and Engineering August 2019 - present

- Evaluate the surface properties of various AL finishes
- Perform ongoing mechanical testing and analysis

Manufacturing Engineering Intern, Telephonics Corporation June 2019-Aug. 2019

- Collaborated with a senior manufacturing engineer in projects surrounding Identification of Friend or Foe (IFF) technology UPX -40 and UPX-43 Radar
- Created sketches for parts using AutoDesk AutoCAD software
- Spent time on board cell production line soldering and inspecting PC boards for production

Irrigation System Installation Workman Summer 2018

- Assisted Senior Associate with plumbing, head installation, Ditch Witch, trench digging, wiring, and programming
- Developed schematics using proper measurements and gauges
- Applied and spread appropriate amounts of loam and grass seed post-installation

PROJECTS

Synthesis of Titanomagnetite, Phase Diagrams and Relations Fall 2017

- Used and created precursors, such as ulvospinel, to synthesize a titanomagnetite and analyze the properties of two different compositions to simulate the behavior of materials on Mars

ACTIVITIES

Varsity Basketball, Carrick High School: 2017 - present
Intramural Softball, Carrick High School: 2017 - present
Intramural Doubles Table Tennis, Carrick High School: 2018
National Honor Society, Secretary (20XX), Carrick High School: 2017 – 2018
Varsity Soccer, Captain (20XX), Carrick High School: 2017 – 2019

HONORS

Honor Roll Dean's List: Spring 2019
Carrick High School Mathematics Award: 2018
Pittsburgh Institute of Technology Book Award: 2017
U.S. Marines Scholarship: 2017

