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**COMP O. SITE**  
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U.S. Citizen

Permanent Address  
18 Walnut Drive  
Austin, TX 21560-8105

## EDUCATION

**CARNEGIE MELLON UNIVERSITY** Pittsburgh, PA  
Bachelor of Science in Materials Science and Engineering  
Overall GPA: 3.31/4.00

May 2018

## 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

**CARNEGIE MELLON**  
**Research Assistant, Materials Science and Engineering** August 2014 - present

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

**Manufacturing Engineering Intern, Telephonics Corporation** June 2015-Aug. 2015

- 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 2014

- 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 2015

- 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 Soccer**, Carnegie Mellon University: 2014 - present  
**Intramural Softball**, Carnegie Mellon University: 2015 - present  
**Intramural Doubles Table Tennis**, Carnegie Mellon University: 2014  
**National Honor Society, Secretary** (2012), Austin High School: 2011 - 2014  
**Varsity Soccer, Captain** (2012), Austin High School: 2012 - 2014

## HONORS

Dean's List, College of Engineering: Spring 2015  
Austin High School Mathematics Award: 2014  
Massachusetts Institute of Technology Book Award: 2013  
U.S. Marines Scholarship: 2014