

Education:

University of Pennsylvania, School of Engineering and Applied Sciences, Philadelphia, PA

Candidate **Bachelor of Science in Engineering, Mechanical Engineering & Applied Mechanics**, May 2016

GPA: 3.25 **Concentration:** Product Design and Innovation **Minor:** Mathematics

Relevant Courses: Mechatronics, Statics, Dynamics, Strength of Materials, Thermodynamics, Fluid Dynamics, Intro to Mechanical Design, Machine Design and Manufacturing

Awards:

2nd Team All-CSFL Defensive Back 2014, 1st Team All-CSFL Defensive Back 2013

Robert J. Mongeluzzi Award for Outstanding Defensive Back 2013

Academic All-American, Lacrosse, 2012

Brookes High School Student Athlete Award 2012

Society of Academic Excellence in Foreign Language 2012

National Honor Society 2011-2012

Experience:

Freelance Product Designer (2014-Present): Independently designed and built a working prototype for an automated housebreaking dog pad apparatus (<http://www.google.com/patents/US8464662>)

- Worked with a client to bring an idea they had to life
- Combined mechanical, electrical and design skills to develop a working prototype of the device
- Devised a way to automate the device
- Was responsible for ordering and documenting all purchases necessary for the project

Sales Representative, Vector Marketing (2012): Sold Cutco kitchen products for a summer

- Networked and made calls to set up appointments for potential customers
- Presented the products in potential customers homes
- Promoted twice for sales (sold over \$9,000 in products)

Warehouse Worker, School Specialty (2012): Worked in a school supply warehouse for a summer

- Fulfilled, packaged, and shipped school supply orders

Sales Associate, Abercrombie & Fitch (2012): Retail sales associate for a summer

- Greeted and helped customers
- Worked register
- Broke down the store (organized and inventoried merchandise)

Crew Chief, Bernieri Construction (2009-2011): Worked three summers doing contracting work

- Started as a laborer and worked up to crew chief
 - Did demolition, masonry, kitchen renovation, home renovation, and landscaping
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Skills:

- Solid modeling (SolidWorks, Inventor, AutoCad), Rapid Prototyping (3D Printing, Laser Cutting), Manufacturing (Metals, Composites, Wood), Design (Adobe Creative Suite)
 - Programming Languages: Matlab, C, HTML, CSS, JavaScript
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Leadership/Activities:

-Captain, Penn Varsity Sprint Football (2015)

-Phi Delta Theta, Pennsylvania Zeta Chapter Member (2014)