

Patrick M. Thornton

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Address:

Current:

318 Atherton Hall
State College, Pa 16802

Permanent:

101 Canterbury Lane
Lansdale, PA 19446

College Standing:

- Freshman – Penn State University

Academic Honors:

- Member of the Penn State Schreyer Honors College
- Distinguished Honors all years of High School
- NPHS Honor Society
- AP Scholar with Honor

Work Related

Experience:

- Independent research on dye sensitized solar cells
- Presented research at Drexel's Material Science Day
- Proficiency in drafting
- Proficiency in 3d-CAD (Autodesk Inventor)
- Proficiency in Microsoft programs (Word, Excel, PowerPoint)
- Working in teams to design and carry out experiments
- Electrospinning of polymeric nanofibers
- Building binary logic circuits
- Using a CNC mill
- Using Computer controlled CO2 cutting laser

Career summary:

- Lifeguard – Hatfield Aquatic Center
+ 2011- (present)

Leadership

Experience:

- Eagle Scout – planned, organized, found funding for, and led, a community service project accumulating 150 hours of labor.
- Worked in a team for research purposes (High School research class) (Engineering Design and Development) (Project Lead the Way)
- Crew leader on BSA high adventure trip – led 10 of my peers on a week-long trip on an island near Key West, FL.

Certifications:

- PA Driver's License
- Professional CPR/AED
- Professional Lifeguarding/First Aid
- Eagle Scout