

Derrick Watley

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Education:

Bachelor of Science in Mechanical Engineering
Wright State University

5/2015-Projected
Dayton, Ohio

Associations:

Tutor and Mentor

1/2013-5/2013, 1/2014-Present

- Helped students understand Engineering concepts
- Subjects tutored: Solid works, Calculus II, Physics, Strength of materials

Undergraduate research:

Alternative Energy - Gas Turbine Research

1/2014-Present

- Performed research; further Optimizing Fuel cell-gas turbine energy
- Used Matlab to test Hydrogen Fuel cell efficiency
- Developed fundamental understanding of Gas turbine Aerodynamics

Military Experience:

Construction Equipment Repairer

Army National Guard Ordinance Corps

9/2008-4/2013
Hamilton, Ohio

- Responsible for servicing: transmission gears, fuel line components
- Ordered parts using technical manuals
- Formed fluid communication with team of mechanics

Annual training Instructor

11/2011-5/2012

- Lead 100+ soldiers through explosive survival drills
- Helped Plan training events six months out

Clearance: Confidential

Awards and Distinct Honors

Featured on Billboard over I-75
Featured in Dean's tED Talk

