

Alex Pawlowski

PhD Student applying Metal Additive Manufacturing to Transportation



TN, Knoxville (US), Tennessee

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About

Through the Bredesen Center, Alex does his lab research at ORNL, using additive manufacturing to improve vehicle efficiency. Alex is focusing on engine components to not only improve AM techniques, but to find paths forward that AM could provide to transportation. The project leverages ORNL's multiple areas of leadership - material science, additive manufacturing, neutron sciences, and engine combustion research - that perfectly complements the interdisciplinary nature of his degree. In his spare time, Alex competes in triathlons at the collegiate level as the President of the Tennessee TriVols - the Triathlon Club at the University of Tennessee.

Experience

Univ of Tennessee / Oak Ridge National Laboratory

June 2014 - December 2018

Graduate Research Associate

<http://www.ornl.gov>

AMIPC project

Completing my PhD at ORNL

Education

University

2010 - 2014

Bachelor

Mechanical Engineering, Engineering Science - Material Science

GPA: 3.2

COMM 3800 Managing Sustainable Development

University

2014 - 2018

Doctorate

Energy Science and Engineering - Transportation Science

GPA: 3.9

ME 612: Additive Manufacturing

Volunteer

Open Streets Knoxville

August 2015 - December 2018

Website Volunteer

<http://openstreetsknoxville.com/>

Help

Awarded 'Volunteer of the Month'

Awards

17 February 2014

21 Society

21 Society

For volunteerism and leadership at UVa

Publications

Publication in Company, 1 October 2014

Description...

Skills

Web Development

Master

HTML CSS Javascript

Languages

Interests

Transportation

Bicycling Automotive Transit

References

* Reference... *

Letitia Green