

THOMAS JOHN YATES

OBJECTIVE

- Intended Career: Engineer, Product Design

EDUCATION

- Biomedical Engineering Major, Vanderbilt University's School of Engineering (8/2015 –5/2019)
- Cincinnati Hills Christian Academy (8/2011 – 6/2015)
- Biomedical Research Camp, University of Pennsylvania (7/2014)

HONORS AND AWARDS

- High Honors (9th – 12th)
- SAT 2230—99th percentile (800 Math, 760 Critical Reading, 670 Writing)
- National Honor Society (11th – 12th)
- AP Scholar (11th -12th)
- National Merit Commended Student

EMPLOYMENT EXPERIENCE

- Senior Design Project: Designed and Trained a Convolutional Neural Network to Classify Sub-Images and Quantify Total Burn Surface Area, Dr. Matthew Walker III, Spring 2019
- Summer Intern, Stress Engineering Services, Matt Berrey, Mike Johnson, Summer 2018
- Research Assistant, Miami University, Dr. Michael L. Robinson, Summer 2017
- Summer Intern, Jeffery R Anderson Real Estate, Summer 2016
- Wright Scholar Internship: Research Assistant to Dr. Reginald O'Hara, Summer 2015
- Co-Founder of Non-Profit Company: Freedom Glass Incorporated

COMMUNITY SERVICE

- Coordinator of Operations, Camp Kesem, Vanderbilt University (8/2017-Present)
- Unit Leader, Camp Kesem, Vanderbilt University (7/2017, 7/2018)
- Board Member, Relay for Life, Vanderbilt University (8/2016-10/2016)
- Volunteer, VPAWS, Dog Adoption Agency: VPAWS (8/2015-8/2016)
- Tutor at Douglas Elementary School: Both English and Mathematics (2014-2015)
- Volunteer at Crossroads Church in Cincinnati, OH (2008-2015)
- Mission Trip to Orphanages in Miami, Florida and the Florida Keys (1/2013)
- Mission Trip to Dominican Republic (3/2012)

PERSONAL STRENGTHS AND SKILLS

- Communication and Leadership
- SolidWorks CAD Experience
- Python and TensorFlow Experience
- Matlab Experience
- Operational Qualification Experience
- Wet Lab and Cleanroom Experience