

Henry Bristol

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EDUCATION

Vanderbilt University, Nashville, TN **Expected May 2019**

School of Engineering

- Cornelius Vanderbilt Scholar (Awarded April 2015)
- Major: Mechanical Engineering

North Carolina School of Science and Mathematics, Durham, NC

AP Scholar with Distinction, 35 ACT

June 2015

Overall GPA: 5.63

COURSEWORK/AP SCORES

Multivariable Calculus	AP Physics C/Mechanics –	5
Differential Equations	AP Physics C/E&M –	5
Mathematical Modeling	AP Chemistry –	5
Elementary Combinatorics/Number Theory	AP Computer Science –	5

WORK EXPERIENCE & CAMPUS INVOLVEMENT

Aerospace Engineering Design Lab **September 2015-present**

Utilize knowledge of aerodynamics, fluid dynamics, rocket propulsion to construct a rocket for NASA Student Launch Initiative

One of two freshmen at Vanderbilt University accepted

Vanderbilt FreshIDEAS Representative

September 2015-present

Learn about and promote diversity initiatives on campus

Vanderbilt Student Volunteers for Science

August 2015-present

Chemical Engineering Research Intern

May-November 2014

Worked in Dr. Fanxing Li's Lab at NC State University

Tutor and Teaching Assistant

2010 - 2015

Tutor Math, Chemistry, Physics, and TA for Calculus, Physics

Intern, AccessCare, Information Technology Department

June-July 2015

Reimaged used computers for company employed nurses

ACCOMPLISHMENTS

Cornelius Vanderbilt Scholar at Vanderbilt University, August 2015-present

Mathematical Contest in Modeling, International Outstanding Award Winner, March 2015

Top 100 of over 6000 college teams internationally

Published in the Journal of Undergraduate Mathematics and Its Applications (Vol.36 No.2)

Conrad Spirit of Innovation Challenge, International Finalist, February 2015

Qualified to attend 2015 Innovation Summit for entrepreneurship at Kennedy Space Center, FL

High School Mathematical Contest in Modeling (HiMCM), International Finalist, January 2015

Top 3% of over 5000 teams internationally

Intel Science Talent Search, National Semifinalist, January 2015

One of 9 students in North Carolina and 300 in US to qualify

Siemens Competition for Math, Science and Technology, Regional Semifinalist, October 2014

One of 20 students in North Carolina and 300 in US to qualify

Congressional Debate, Cary Academy, 2012-2013

3rd Place and Best Presiding Officer, Laird Lewis Invitational Speech and Debate Tournament

Third Degree Black Belt, World Taekwondo Federation, 2007-present

Junior Olympics Silver Medalist, US Open Silver Medalist, August 2008