

David Hirsch

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Permanent Address:

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Nashville, TN 37235
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Education

Vanderbilt University, School of Engineering

Expected May 2016

Bachelor of Engineering; GPA 3.3/4.0; Major: Mechanical Engineering
Minor: Computer Science; Dean's List for Fall 2013 Semester

Portledge School, Locust Valley, New York

Graduated May 2012

High School Diploma

Awards/Honors/Scores: Scored 2110/2400 on SATI; Scored 710/800 on SATII Mathematics II;
Scored 4/5 on Calculus BC AP exam; Scored 5/5 on Physics B AP exam; Scored 4/5 on
Chemistry AP exam; Received award for excellence in Physics B AP class; Placed on Honor
Roll junior and senior years

Lab Work

Mechatronics

Spring 2015

Constructed and programmed Arduino-based circuits
Built an optical Theremin for final project

Instrumentation Laboratory

Spring 2014

Learned to use data acquisition hardware and software

Work Experience

Vanderbilt LASIR (Laboratory for Systems Integrity and Reliability) January-July 2015

Assisted both helicopter and wind turbine projects
Performed modal analysis with analog to digital data acquisition

Millennium Partners

July-August 2014

MATLAB, Microsoft Visual Basic and Microsoft Excel programming related to the fixed
income marketplace

Computer Skills

MATLAB, Creo, ANSYS, Arduino, Microsoft Word, Microsoft Excel, Microsoft PowerPoint,
Microsoft Visual Basic, Java, C++, LABView