Jarod E Meyer

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Education

University of Illinois at Urbana-Champaign   Urbana-Champaign, IL

Bachelor of Science, Materials Science and Engineering (GPA: 3.89/4.00)   *Expected May 2020*

Projects/Work Experience

Acoustical Machine Learning Project   *Summer 2017*
- Converted audio files of dropped coins into spectrograms via Python for analysis
- Utilized Nvidia DIGITS framework to customize machine learning algorithm
- Preliminary success rate of 76% distinguishing pennies, nickels, dimes, and quarters

Shape Memory Alloy Origami/UIUC EOH Fair   Urbana-Champaign, IL
- Used Nitinol wire circuity to flap wings   *Spring 2017*
- Presented group project at the UIUC EOH fair
  and later at Leal Elementary School's Science Night in Urbana

Chemistry TA   Winnetka, IL
- Helped teach high school AP chemistry class of 17 students   *Aug 2015 - May 2016*

Mariano's Grocery Store   Northfield, IL
- Quality customer service. Learned to trim meat and fish.   *May 2016-Aug 2016*

Honors/Awards

- **UIUC MATSE Cullen W. Parmelee Scholarship**   *2017 – 2018*
- **UIUC MATSE Froberg Scholarship**   *2016 – 2017*
- **UIUC Dean's List**   *2016 – 2017*
- **National Merit Finalist**   *2015 - 2016*
- **New Trier Cross Country: Ben Almaguer Award (Leadership & Dedication)**   *2016*

Skills

Programming: **Python, Java, basic knowledge of Nvidia DIGITS**