

# Jacob Thomas

98 Copperfield Court, Morgantown, WV 26505 | C: 240-357-8155  
jacob.ja.thomas@gmail.com | linkedin.com/in/jacobthomaswvu

## ***Education***

---

University: West Virginia University, College of Engineering and Mineral Resources  
Major: Industrial & Management Systems Engineering Minor: Chinese Studies  
Overall GPA: 3.46 Major GPA: 3.44 Minor GPA: 4.00 Graduation: Spring 2016

## ***Industrial Engineering Skills***

---

- Engineering Economics Analysis
- DOE 3E+ Insulation Software
- Excel SimTools: Simulation Software
- Excel Solver: Decision Analysis Software
- MATLAB programming
- Utility Bill Rate Schedule Analysis
- DOE PHAST (process heating) software
- MS Office (Excel, Access, Word, PPT)
- ARENA: Digital Simulation Software
- Visual Basic programming

## ***Work Experience***

---

Undergraduate Assistant – Industrial Assessment Center – West Virginia University

August 2014 – Present

Experience with on-site client consultation regarding the implementation of energy efficient technologies in manufacturing, lumber, and commercial environments

Integration & Testing Internship – Sigma Space Corporation – NASA Goddard

Summers 2013 and 2014 - James Webb Space Telescope

Exposure to various system engineering processes, as well as the integration and testing of aerospace testing hardware

## ***Awards and Accomplishments***

---

- US Department of Energy: IAC Certificate (completed 6+ energy audits)
- Beijing Normal University, Study Abroad Graduate, May 2014
- WVU Blue and Gold Academic Excellence: Level One Scholarship
- CEMR Dean's List: Fall 2013, Spring 2014, Spring 2015
- APM (The Industrial Engineering Honor Society)

## ***Out of Class Activities***

---

WVU Consulting Club: Founding President, Current VP of Client Operations

Space Public Outreach Team: *Mars: Past, Present, and Future* certified presenter

## ***References:***

---

Available Upon Request