

Caleb E. Thomas

North Carolina State Aerospace Engineer Undergraduate

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Motivated Aerospace Engineering student with engineering workforce experience and a passion for perpetual growth and learning

EDUCATION

- North Carolina State University BS Aerospace Engineering // **GPA: 3.989**
- North Lincoln High School // GPA: 4.39

EXPERIENCE

Engineering Intern // May 2016 - July 2016

Kinemax Engineering, Belmont, NC

- Created 3D models in SOLIDWORKS for various orthopaedic implants, enabling my team to pitch new technology to manufacturers and hospitals
- Aided in the patent process for developed medical devices by creating engineering drawings and procedural diagrams
- Conducted tests on machined products to ensure performance standards and manufacturing tolerances
- Facilitated market research and information consolidation, allowing for more efficient communication between team members and customers.

Inspection Technician // June 2014 - August 2014

Medical Facets, Gastonia, NC

- Aided in the manufacturing and quality assurance of machined medical devices
- Inspected medical implants used for internal fixation of bone fractures using microscopes and micrometers
- Packaged medical devices for inventory and distribution to hospitals

Founder and President of NLHS Engineering Club // Fall 2014 and Spring 2015

North Lincoln High School, Lincolnton NC

- Coordinated electrical circuit, rocket, and submarine projects for groups ranging from ten to thirty students
- Ran meetings and set project schedules to ensure efficient use of time

HONORS

- Dean's List // Fall 2015, Spring 2016, Fall 2016, Spring 2017
- National Society of Collegiate Scholars // Spring 2016 - Present
- NC State Marching Band // Snare Line Co-Captain
- American Institute of Astronautics and Aeronautics Member // Fall 2016 - Present
- Outdoor Activities Facilitator for Summer Outreach Program in Belize // June 2015
- International Thespian Society