

# RYAN DREW ARMSTRONG

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## OBJECTIVE EDUCATION

Spring/Summer intern or entry level position in the field of Mechanical Engineering

### Texas Tech University, Lubbock, TX

Bachelor of Science: Mechanical Engineering

Minor: Mathematics

Expected Graduation: December 2014

GPA: 3.73/4.0 (ENGR) 3.46/4.0 (OVERALL)

### Universidad Adolfo Ibáñez, Viña Del Mar, Chile

Texas Tech University faculty-led study abroad program

December 2013 – January 2014

### Additional Coursework:

Aerodynamics, Manufacturing Processes, Programming Principles C/C++ I and II

### Creation Technologies: Engineering Intern Summer 2011

Circuit board manufacturing, Product research and development

Client Interaction – Design – Manufacturing – Testing – Sales

### SpaceX Design Project:

Company supported group design project – Project Manager

Designing a mechanism to purge rocket nozzles after testing

Coordinate group efforts and maintain group cohesion

### Research:

Undergraduate Research Assistant – Snoeyink Research Group

Characterizing the resolution of an advanced imaging algorithm

Analyzing and compiling data to produce journal quality plots

### Skills:

ANSYS (FEA, CFD), Python, LabView, MatLab, Mathematica 8.0, Autodesk: AutoCAD and

Inventor, Solidworks, Microsoft Office Suite, Adobe CS5, HTML, Spanish

### University:

Texas Tech University President's Honor Roll: Spring 2013, Summer 2013, Spring 2014

Texas Tech University Edward E. Whitacre Jr. College of Engineering Dean's List: Fall 2013

### Personal:

Eagle Scout, Triple Silver Palm

### Clubs/Organizations:

Pi Tau Sigma: Sigma Epsilon Chapter

Vice President – Volunteer – Member

Tau Beta Pi: Texas Beta Chapter

Initiate

Texas Tech Men's Rugby Club

Tight-Head Prop – Webmaster (2010-2012)

Boy Scouts of America: Troop 219, Plano TX

Assistant Scoutmaster

National Eagle Scout Association

American Society for Engineering Management: Tech Chapter

American Society of Mechanical Engineers: TTU Student Section

## EMPLOYMENT

## EXPERIENCE

## HONORS

## ACTIVITIES