

# Grant Beall

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## EDUCATION & HONORS

### Bachelor of Science in Mechanical Engineering

Expected May 2015

University of Texas at Dallas – Junior

**GPA 3.68**

- AES scholarship recipient
  - Richardson Rotary Club scholarship recipient
  - Dean's List 2012
  - Upper Level Courses: strength of materials, fluid mechanics, thermodynamics, mechanical measurements lab, kinematics of mechanical systems, dynamics, CAD, fluid mechanics laboratory, LabView
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## EXTRACURRICULAR STUDIES

### Undergraduate Research Assistant – Dr. Walter Voit, UTD

June 2013 - Present

- Study and conduct experiments in the Advanced Polymer Research Laboratory
- Synthesize shape memory polymers and gather material data
- Operate lab equipment such as capillary rheometer, universal testing machine, UV exposure equipment, fused-deposition (FDM) 3D printer, stereolithography (SLA) 3D printer, CO2 laser cutter

### Undergraduate study/research - Dr. Hongbing Lu, UTD

November 2012 – January 2013

- Studied scientific journals concerning the behaviors of anisotropic nanofilms
  - Studied Abaqus Finite Element Analysis software with the goal of modeling nanoindentation on anisotropic nanofilms
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## WORK EXPERIENCE

### QTI Service Corporation – Billings Coordinator – Allen, TX

(summers only) June 2010 - Present

- Perform accounts receivable and payable duties for small trucking company
  - Maintain a file retrieval database
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## ORGANIZATIONS

### American Society of Mechanical Engineers (ASME) – Officer

January 2013 - Present

- Serve as Media Chair / Webmaster
- Part of the Shell Eco-Marathon UTD team

### Fellowship of Christian University Students (FOCUS) – Core Leader

August 2011 - Present

- Lead small group studies on a weekly basis
- Play guitar for the worship band on Fridays

### UT Dallas Paintball Club – Member

August 2011 - Present

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**SOFTWARE:** LabView, Abaqus FEA, AutoCAD, Creo 2.0, Blue Hill testing software, Bits from Bytes (3D printing interface software), Microsoft Office