

Alexander J. Albrecht

. (540) 651-2563 . 1270 Lick Ridge Rd, Check VA 24072 . aalex79@vt.edu .

Objective: To contribute as a team member and gain professional engineering experience with a co-op/internship in the field of mechanical engineering.

Education

BS in Mechanical Engineering May 2016
Virginia Tech, Blacksburg, VA
GPA: 3.1/4.0

AS in Science and Engineering June 2013
Blue Ridge Community College, Weyers Cave, VA
GPA: 3.8/4.0

Professional Experience

Internship-Volunteer

Aerodynamic Research at Virginia Tech May 2014 –

- Assist Graduate Research in Aerodynamic Analysis
- ANSYS CAD

Volunteer

Hybrid Electric Vehicle Team at Virginia Tech January 2014 – May 2014

- Mechanical Sub-team
- Automotive Maintenance

Welder

Tenneco Walker Inc. June 2005 – June 2006
3160 Abbott Ln. Harrisonburg, VA

- Welder
- Blue Print Analysis
- Plasma Cutter
- Manufacturing

Tutor

Blue Ridge Community College January 2012 – July 2013
Weyers Cave, VA

Assist undergraduate students with the following academic subjects:

- Math (Algebra I & II, Pre-Cal I & II, Cal. I-IV)
- Science (Chemistry I & II, University Physics I & II)
- Engineering (Statics, Dynamics, Materials)

Relevant Courses

Mechanical Engineering:

Mechanical Design, Mechanical Lab, Mechanics, Materials, System Dynamics, Electrical Theory, AC/DC Electronics, Thermodynamics, Fluids, Statistics, Micro Economics for Engineering, Physics I & II, Project Design, Technical Writing, Statistics

Computer Programming:

ANSYS CAD, Inventor 3D Solid Modeling CAD Software, C++, Matlab, Java, Microsoft Excel, Visual Basic, Microsoft Office, Word, Power Point, Outlook

Personal Qualities

Attention to Detail, Technical and Analytical Skills, Self-Motivated in a Group or Individually, Integrity and Trust, Punctual, Action Oriented, Customer Focus