

Sarah Brown

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43 Yarrow Hill
West Henrietta, NY 14586

Education

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, NY

Bachelor of Science in Mechanical Engineering; expected May 2016

GPA: 3.53/4.0

Dean's List: Fall, Winter and Spring Quarter 2011-2012; Fall Semester 2013-2014

Courses:

Statics; Mechanics of Materials; Dynamics; Thermodynamics; Fluid Mechanics;
Numerical Methods; Circuits I

Technical Skills

Computer: MS Office, Creo Parametric, AutoCAD, Labview, Matlab, Visual Basic

Machine or fabrication: Drill press, lathe, vertical mill

Projects

E-Dragster Race 2012

A member of an e-dragster race team for the Imagine RIT Festival 2012. An electric dragster was built from the ground up, the dragster reached a speed of 58 miles per hour in 5.74 seconds. This was a 60+ hour project.

E-Durance Race 2013

A member of an e-durance race team for the Imagine RIT Festival 2013. An electric vehicle designed to last a 60 minute race. This was a 100+ hour project.

Work Experience

WEGMANS, Rochester NY

Mechanical Engineering Co-op

September 2014-present

Currently on a 4-month long co-op assignment at Wegmans, working in the design services department focused on HVAC and refrigeration design.

GE AVIATION, Lynn MA

Engineering Co-op

January 2014-August 2014

Worked at GE Aviation on an 8-month long co-op assignment, working in the supply chain and on projects across the plant focused on increasing production and reducing cost.

RIT TELEFUND, Rochester NY

Student Caller

January 2012-November 2012

Contact alumni/parents to update records and request donations on behalf of RIT.

LOWE'S HOME IMPROVEMENT CENTER, Altoona PA

Customer Service Associate

June 2012-August 2012

Aid customers, restock shelves, and plant maintenance in the garden center.

Leadership

Air Force ROTC

Cadet 1st Lt at RIT's AFROTC Detachment 538