

Daniel F Bingel

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OBJECTIVE

To obtain a challenging internship in a materials related field where my resourceful experience and academic skills will be used to the fullest.

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY

Bachelor of Science, Materials Engineering; Minor: Entrepreneurship, expected May 2014

GPA: 3.55 Dean's List

Related Skills

Heat Treatments
Hardness Testing
AutoCad

Engineering Analysis
Metallography
Lathe Work

RELATED EMPLOYMENT AND COLLEGE ACTIVITIES

Colorado School of Mines Materials Researcher

Golden, CO

May 2010- July 2010

- Researched wear rates of armor steel and abrasion resistant steel.
- Fixed a dry sand rubber wheel machine to ASTM standards for research.
- Performed multiple heat treatments with salt pots (Q&T, Q&P, Austempering).
- Metallography on different steel samples: sectioned, grinded/polished, 2% nital etching.
- Performed Rockwell hardness tests, wear tests on dry sand rubber wheel machine.

Nanotechnology Center Work-Study, RPI

Troy, NY

September 2010- Present

- Sorted mail for the Nanotechnology Department.
- Copy mailers/flyers for the Nanotechnology Center.

Gillette Stadium Parking Checkpoint

Foxboro, MA

May 2008- August 2010

- Supervised who entered and exited the employee/players parking lots.
- Directed patrons to correct parking area.
- Oversaw flaggers inside employee/players lot.

LEADERSHIP

Engineering Ambassadors (May 2011), Selected into an elite group of young highly motivated engineers with a focus on inspiring younger audiences to choose engineering as a career path. Under the advising of professors and industry experts we create exciting and inspiring presentations on engineering that are later presented to high school students to show them the opportunities and exciting breakthroughs in engineering. Working with Global Foundries my group is currently working on an engaging presentation on semi-conductors and the semi-conductor industry.

E*ship Exemplar Program (December 2010), Member, Selected to be in a pilot program where entrepreneurship exemplars were nominated to be part of a points for certificate program.

Entrepreneurship Club (October 2010), Member, Attend meeting and discuss entrepreneurship.

Ski Club (September 2010), Trip Leader, Organize and lead trips to different ski resorts.

Scuba Club (September 2010), Member, Acquired Open Water Diving Certification (PADI).

Materials Advantage (March 2011), Member.