

EDUCATION

Thayer Engineering School at Dartmouth College, Hanover, NH
Bachelor of Engineering Degree with focus in Mechanical Engineering

June 2013

Dartmouth College, Hanover, NH
Bachelor of Arts, Major in Engineering Sciences

June 2012

SKILLS

Engineering Skills: *Certified SolidWorks Associate; Engineering in Training Accreditation, NH; Mastercam CAD Software; Inspection Expert software; C++; MATLAB; MiniTab Statistical Software;*

Language Skills: *Spanish*

Other Skills: *Microsoft Office; communication, organizational, basic lathe and 3D mill skills; proficient in MIG, ARC, and oxy-acetylene welding; construction skills*

RELEVANT WORK EXPERIENCE

TURBOCAM International, Barrington, NH
Manufacturing Engineering Intern

September 2013 – June 2014

- Produce lathe production programs for complex-geometry parts using Mastercam and Inspection Expert
- Learned proficiency with all facets of the standard lathe programming process that Turbocam Industrial employs to ensure the highest quality parts possible
- Communicates with machinists and project managers to establish an efficient production process

Cru, Durham, NH
Campus Ministry Intern

June 2013 – Present

- Mentor individual and small groups of students to help students live to their fullest potential
- Facilitate and organize large student meetings and outings
- Public speaking to groups ranging from 4 to 100+ students
- Raised nearly \$40,000 in less than three months

Thayer School of Engineering Machine Shop, Dartmouth College, Hanover, NH
Teaching Assistant

Spring 2013

- Supervised lathe and 3D mill use; facilitated students' learning of using different machinery available
- Oversaw students' sterling engines project, including the machining and fabricating of their engines
- Streamlined shop productivity by keeping workplace clean and organized

TURBOCAM International, Barrington, NH
Engineering Intern

June – August 2012

- Produced detailed manufacturing operations sheets for vast array of processes
- Observed the operation of lathe, milling, and balancing processes
- Implemented reorganization of mill pallets by creating CAD models, manufacturing prints, and marking pallets and shelving

LEADERSHIP AND COMMUNITY ACTIVITIES

Assistant Coach of UNH Ultimate Frisbee Team

September 2013 – Present

Dartmouth Ultimate Frisbee Team

2008 - 2013

- 2013 finish - tied for 5th in the nation; Winner of Spirit Award at College Nationals; 2012-2013 captain
- Directed White Mountain Open Tournament; raised over \$5,000 and brought in hundreds of players