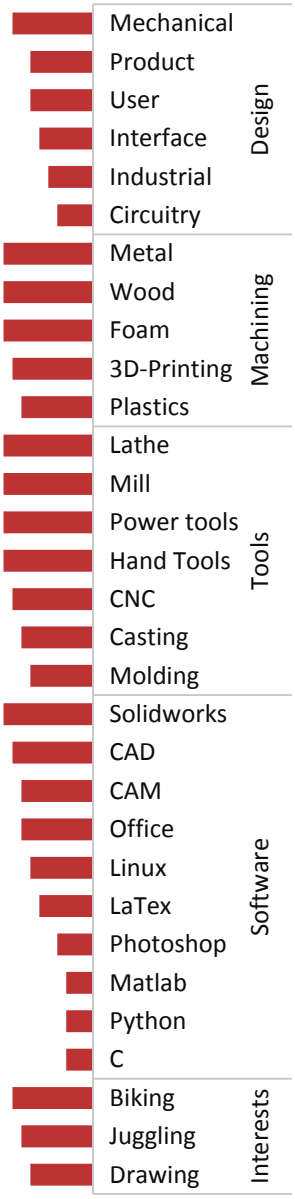
Charlie Behling

Relevant Skills



Contact

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PROFILE

I am an extremely passionate person; I love getting lost in the woods on my bike or in a SolidWorks model of a radial steam engine. I became an engineer because I have always been interested in designing, building, and creating things; whether it's metal gauntlets, a working Mobius gear, or a carbon fiber bicycle.

EDUCATION

Franklin W. Olin College of Engineering, Needham MA 2010 – 2014

Bachelor of Science in Mechanical Engineering

GPA: 3.67

> Olin Merit Scholar recipient
> School focused on a hands-on project based approach to learning; exposing students to real world situations through classroom experience.

EXPERIENCE

Depuy Synthes Mitek Sports Medicine & Olin College of Engineering Sept. 2013 – May 2014

Senior Capstone Project in Engineering (SCOPE), Technical Lead

> Worked as the Technical Lead for a six person multi-disciplinary team of Olin College seniors, with 3 company liaisons from Mitek Sports Medicine, to expand their line of orthopedic arthroscopic surgical devices.
> Based on simulation, lab testing and surgeon feedback, the team developed multiple designs and delivered a proof-of-concept prototype to be used as a basis for future development by Mitek Sports Medicine.

Franklin W. Olin College of Engineering January – May 2014

Design for Manufacturing Course Assistant

> Course assistant for a class focusing on designing for various manufacturing methods to easily and cost effectively design and produce a product. This involved acting as an intermediary between senior-level students and the professor as well as assisting with class activities and projects.

Protedyne May – August 2013

Mechanical Engineering Intern

> Designed and built portions of Protedyne's Propel System: a 500+ square foot robot used by LabCorp, responsible for preparing blood samples for medical analysis.
> Designed and modeled system components in CAD with SolidWorks, used 3D-Printing to rapidly prototype, and worked with manufacturers to produce production prototypes and work out larger-scale manufacturing processes and costs.

Halter's Cycles Summer 2010, 2011, & 2012

Bicycle Mechanic and Sales Associate (Part-time)

> Built and repaired bicycles while also working as a sales associate. Learned how to build and repair all types of bicycles from the frame up; adding components, making adjustments, and improving performance.

REFERENCES

References are available upon request.