

Paul Bosko
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PERSONAL STATEMENT

I am a fifth-year student at Michigan Technological University and will be completing a dual degree in spring of 2018. I have led teams of peers on projects both in high school and college. In addition, I have sought to gain additional insights on engineering and scientific topics through prolonged conversations with professors, and extensive independent reading. I am insightful and innovative and believe I could make significant contributions to or on any project I am assigned.

EDUCATION

Michigan Technological University

August 2013 – Expected Spring 2018

B.S. Mechanical Engineering – Dual Degree

B.S. Applied Physics | Concentration in Mechanical Engineering – Dual Degree

157.50 Earned Credits

2.97 Cumulative GPA

Average Credits Taken Per Semester 19.1

Noteworthy Classes include Classical Mechanics, Dynamics, Electronics, Mechanics of Materials, Optics, Engineering Analysis & Problem Solving, Intro Materials Science & Engineering Theoretical Mechanics I, Energy Thermal Fluids I, Thermal and Statistical Mechanic, Mechanisms of System Design and Analysis

Upcoming Classes include Analytical & Exp Modal Analys and Computational Meth in Physics

INTERNSHIP EXPERIENCE

Quality Assurance Tester

May – August in 2016 and 2017

SalesPad, Grand Rapids, Michigan

- Tested the functionality and maintained the integrity of the products sold at SalesPad, including new features.
- Products tested included SalesPad Cloud (Internet Browser Based), SalesPad Desktop, Data-collections, SalesPad Mobile and custom software modifications ordered by clients.
- Coding in C# was conducted to remove common issues and increase precision in results.
- Customer Orders were reviewed and tested to confirm Custom software met needs and desires.

RESEARCH EXPERIENCE

Cloud Chamber Technician and Analyst

May – August 2015

Michigan Technological University, Houghton, Michigan

- Setup and tested the University's recently purchased Turbulent Cloud Chamber.
- Wrote program code to analyze pressure, temperature, particle size, particle distribution, temperature distribution, absolute humidity, charge distribution and accumulation.
- Operated and maintained CPC (condensation particle counter), CCNC (Cloud Condensation nuclei counter) and DMA (Differential mobility analyzer).

TECHNICAL SKILLS

- Matlab, NX, HyperMesh, Mathematica, LMS TestLab, C, C#, SQL

INTERESTS AND HOBIES

- Biking, Reading, Writing, Skiing, Running a DnD Campaign