LINDSEY H. WOO

617-515-1117 woo.l@husky.neu.edu

EDUCATION

Northeastern University, Boston, MA May 2019
Candidate for Bachelor of Science in Electrical Engineering
Related Courses: Calculus III, Chemistry, Circuits & Signals, Differential Equations and Linear Algebra, Discrete Structures, Embedded Design & Enabling Robotics, Engineering Design, Engineering Problem Solving and Computation, Physics II
GPA: 3.77 / 4.00

SKILLS

Arduino, AutoCAD, C/C++, Cadence PSpice, Linux, MATLAB, Microsoft Office (Excel, PowerPoint, and Word), SolidWorks

PROJECT EXPERIENCE

General Engineering Final Project, Northeastern University April 2015
Security System

- Collaborated with a partner to assemble a security alarm system to detect and alert people of intruder break ins, dangerous temperature fluctuations, and electrical power outages
- Used Arduino to program a breadboard utilizing an LCD screen, light sensor, temperature sensor, speaker, and LED lights to construct the security system

General Engineering Final Project, Northeastern University April 2015
Facial Recognition Program

- Integrated C++ and MATLAB to create a program that reads crucial facial points and calculates the closest match within a database to recognize a person of interest

Design Project, Northeastern University November 2014
The Vitrophone

- Worked with three other students to create an original instrument suitable for double amputee patients
- Designed with needs assessment, time, and budget constraints, and developed to match target customer
- Presented to audience of 25 to showcase instrument including written follow up report
- Communicated the structure of the instrument using AutoCAD

WORK EXPERIENCE

T.J.Maxx, Newton, MA Summer 2015
Sales Associate

- Assisted patrons and provided customer service
- Processed clothing and arranged clothing fixtures

Boston Chinatown Neighborhood Center, Boston, MA Summer 2015
Instructor

- Encouraged interest in STEM fields to youth by exposing interesting real word applications
- Organized and facilitated hands-on projects that demonstrated key engineering and physics concepts