# Education

University of Pennsylvania, School of Engineering and Applied Science

**Cumulative GPA: 3.87**

MSE, Expected May 2015 – Computer and Information Science

BSE, Expected May 2015 – Computer Engineering

**Honors:** Tau Beta Pi • Eta Kappa Nu • Rachleff Scholar • Dean’s List

# Experience

## Intern, Hospital at the University of Pennsylvania Summer 2013

Co-developed an organ tracking application for the Department of Cardiovascular Surgery.

## Research Assistant, University of Pennsylvania Summer 2011-Spring 2013

Worked under Dr. Daniel Lee in the GRASP lab. Performed research in locomotive stabilization of bipedal robots and in geometric path planning. Participated in RoboCup 2011, Istanbul and RoboCup 2012, Mexico City.

## Teaching Assistant, University of Pennsylvania Spring 2011-Present

Java Programming • Computer Architecture • Analog Circuit Analysis Lab • Circuit-Level Modeling •

Digital Circuit Design and Lab • Software Engineering – TA and Project Manager

# Personal Projects

## KiNaoMatics (kinaomatics.blogspot.com) Spring 2012

A control engine which uses the Microsoft Kinect to transmit a human’s joint positions to a humanoid robot.

## BevAlert Fall 2012

A web service to alert users when their drinks have reached their desired temperatures.

## Consumer VOICE Fall 2012

A visually rich, touch-intensive survey application for psychotic patients – written for Android.

# Relevant Coursework

## Internet and Web Systems • Computer Organization • Operating Systems • Networking • Machine Learning • Databases •

Real-time Systems • Embedded Systems • Software Engineering • Digital Circuit Design • Circuit-level modeling

# Select Skills

## Java • C • C# • Python • Lua • C++ • Matlab • SQL • JavaScript • JQuery • ASP.NET MVC • Git • SVN • Verilog • VHDL