KEVIN DELGADO

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EDUCATION

DUKE UNIVERSITY, Durham, North Carolina   Anticipate Graduation 2017
Bachelor of Science in Electrical & Computer Engineering / Computer Science (double major)
- ***Dean's List with Distinction (Spring and Fall 2014)***
- ***Best Robot Design Award for the Fundamentals of ECE Integrated Design Challenge***
- ***Relevant Courses****: Computational Methods in Engineering, Data Structures and Algorithms, Computer Architecture, Fundamentals of ECE, Multivariable Calculus, Linear Algebra, Mechanics, Electricity and Magnetism. Software Design and Implementation (Spring 2015), Design and Analysis of Algorithms (Spring 2015), Ordinary and Partial Differential Equations (Spring 2015)

COCOA BEACH HIGH SCHOOL, Cocoa Beach, Florida   2013
- ***National Merit Scholar***

EMPLOYMENT AND EXPERIENCE

DUKE UNIVERSITY   August 2014 – December 2014
Undergraduate Teaching Assistant
- TA under Professor Michael Gustafson in EGR 103, *Computational Methods in Engineering,* a Compsci 101 equivalent taught in MATLAB. This is a required course for all freshmen engineering students.
- Assist professor during lab; hold weekly office hours; and grade lab reports.

DUKE CENTER FOR METAMATERIALS AND INTEGRATED PLASMONICS   June 2014 – August 2014
Undergraduate Researcher
- Worked on various aspects of a metamaterials based imaging project in Professor David Smith's lab.
- Utilized SolidWorks to design and print various parts; used AutoCAD to design and fabricate printed circuit boards; CST Microwave Studio to design and simulate antennas; and MATLAB to update, build, and repair the project's code base.

COCOA BEACH HIGH SCHOOL, FIRST ROBOTICS TEAM 233 / ROCCOBOTICS   August 2011 – May 2013
Electrical Team Member
- Designed and implemented the electrical systems for the high school robotics team, FRC Team 233 "The Pink Team", which earned second place at the FIRST World Championships in April 2012.
- Accountable for a selective sub-division of The Pink Team (Roccobotics) that built crisis situation robots for local police forces.

SKILLS AND TECHNOLOGIES

- Java
- HTML/CSS
- Android

- C
- JavaScript/JQuery
- Node.js/Express.js

- MIPS Assembly
- Arduino
- Linux/Mac OSX/Microsoft Windows

- MATLAB
- Git

PROJECTS

www.github.com/kevindelgado/scorePi
   Raspberry Pi scrapes espn.com using Node.js and provides a live score ticker to a 2x16 serial LCD displa
www.kevindelgado.me
   Personal website
 www.github.com/kevindelgado/simple-converter
   Converts between binary, decimal, and hexadecimal numbers on the Android