

Daniel Martelly

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

Candidate for Bachelors in Electrical Engineering and Computer Science, GPA 4.7/5.0 August 2010- June 2014

Relevant Coursework: Intro to EECS I, Differential Equations, Introduction to Linguistics, Intro Algorithms, Intro to EECS II, Math for Computer Science, Linear Algebra, Language & Structure II: Syntax, Computation Structures, Software Construction, Design and Analysis of Algorithms

TECHNICAL SKILLS

Fluent in English and Spanish, experience programming in Python, Java, some C, and some C++

WORK EXPERIENCE

NASA Ames Research Center, Advanced Controls and Display Group

Intern Researcher

Summer 2012

- Examined the viability of using speech recognition tools in an Air Traffic Control setting. (40 hours/week)

Introduction to EECS (Electrical Engineering and Computer Science)

Lab Assistant

Spring 2011 to present

- Help students understand material and do homework for this intro class to EECS. (7 hours/week)

MIT Linguistics Research

Undergraduate Researcher

Spring 2012

- Determined whether certain phrases could be considered linguistic constituents or not (4 hours/week)

HONORS

NASA Aeronautics Scholar

2011

Hispanic College Fund Scholarship Recipient

2010-2012

NESA: Margaret Sanders Scholarship Recipient

2010

PUSH Jesse L. Jackson Sr. Fellows Scholarship Recipient

2010

National Action Council for Minorities in Engineering (NACME) Scholarship Recipient

2010

EXTRA-CURRICULAR ACTIVITIES

Engineers Without Borders

2010 - 2012

A club which finds engineering solutions for a community partner in Ddegeye, Uganda. Previous projects have involved installing solar panels at a clinic and constructing rain water harvesting tanks.

6.270 – MIT Autonomous Robot Design Competition

2012

Secretary

Helping design and run an autonomous robot competition which happens in January 2013.