**Andrew Manoel Rodriguez  
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**OBJECTIVE**

I am interested in contributing to a company that fosters a functional understanding of electronics   
 design to positively affect the energy consumption of the average consumer.

**EDUCATION**

**Rutgers University, New Brunswick, NJ**  May 2014  
 Bachelor of Science in Electrical and Computers Engineering  
 *(Minor in Physics)*

**PROJECTS**

**Brain-to-Phone Linking Application**  
 Using the NeuroSky Mindware Mobile headset, created an Android application to associate  
 phone events with facial gestures, making the phone a hands-free platform.

**Skittles Sorter**  
 Created a functioning machine to sort Skittles candies by color using Arduino hardware and  
 the Arduino IDE.

**Personal Blog**  
 Starting September 2014, I created and manage my own blog centralized around technology,   
 science, and general lifestyle material. It can be viewed at the QR code on the bottom-right.

**SKILLS & COURSES**

Hardware: Power tools, Arduino, Mechanic and D-I-Y knowledge  
 Software: MATLAB, OrCAD, SolidWorks, C++, HTML, CSS, Windows, Linux, OSX  
 Languages: English, Spanish, working on Italian  
 Classes: Analog Electronics, Computational Neuroimaging, Digital Signal Processing

**MEMBERSHIP AND EXPERIENCE**

**The Daily Targum – Science Co-Founder**  
 Coordinated writers and interviews as well as served liaison with The Daily Targum   
 managing staff. The section, birthed in 2012, is now five writers strong.

**Hack RU**  
 Participated in the biannual Rutgers hack-a-thon hardware competitions, where students  
 from various schools unite minds to create innovative technology.

 **Rutgers Makerspace** Retired participant of the New Jersey Makerspace movement – mainly assisted Rutgers  
 students with designing and implementing self-motivated hardware projects.