Justin Martinelli

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EDUCATION
University of Massachusetts Amherst
B.S. Computer Science, Cumulative GPA: 3.158
Expected Graduation date: May 2018

TECHNICAL SKILLS
- Languages: Java ,Ruby, C, Arduino C
- Web Development: HTML5. CSS3, JavaScript, JQuery, Bootstrap, NodeJS SQL,
- IDEs: Eclipse, JGrasp, IntelliJ
- Operating Systems: Windows, Unix
- 3D Modeling: Proficient in AutoCAD
- Bilingual Spanish/English speaker

Relevant completed coursework: Introduction to Problem Solving with Computers, Programming with Data Structures, Programming Methodology, Introduction to Computation, Computer Systems Principles, Reasoning Under Uncertainty, Human Computer Interaction

PROJECTS
Personal Website   **May 2016**
- Used the front-end framework Bootstrap to create a personal website that is hosted on GitHub
- Implemented an about, projects, and contact section using HTML and added interactivity using JavaScript

Mood Tracker, UMass Amherst   **Spring 2016**
- Worked effectively in a team to create the front-end to a mood tracking web application using NodeJS for a semester long project of a HCI class
- Performed entire design process including storyboarding, prototyping, and user evaluations

GeoNotes, HampHack   **Spring 2016**
- Worked in a team to create a prototype application using Android Studio that will receive a message from the user and save it to the location at which the message was put in
- Integrated location based services using Google Maps API to display coordinates
- Tested the app on several Android devices

Smart Grenade Launcher, HackUMASS III   **Fall 2015**
- Worked in a team of three to program a simulated grenade to "detonate" in different modes, such as impact, time or distance using an IMU and an Arduino.
- Gained experience with embedded systems design using the Arduino programming environment
- Wrote program to display numbers on LED display by reading voltage received from potentiometer to set time or distance for simulated grenade to detonate

LEADERSHIP / EXTRACURRICULAR
CodeNow, Manhattan, NY   **May 2014-July 2014**
- Learned to code with the language Ruby by writing simple programs in groups

Bridges to Computing Program at Brooklyn College, NY   **July 2013**
- Created a game using the program Scratch
- Learned how to build a website utilizing XHTML and CSS

STEM Ambassadors Program Mentor, Kelly Elementary, Holyoke, MA   **September 2014 – May 2014**
- Lead and guide middle school students using effective communication skills through simple science experiments and aid students in completion of homework.
- Raised interest and improve knowledge and skills of at-risk youth by engaging them in fun interactive learning