

Marco Barragan

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Education

Dartmouth College
Hanover, New Hampshire
September 2012 – June 2016

B.A. in Computer Science

GPA: 3.52

Coursework: Problem Solving: Object-Oriented, Smartphone Programming, Software Design & Implementation, 3-D Digital Modeling

Honors: Received a citation for Smartphone Programming, DGALA Scholar (Dartmouth Gay, Lesbian, Bisexual & Transgender Alumni/ae Association), German Studies Award

New Rochelle High School
New Rochelle, NY
April 2010 – June 2012

Ranked 37 out of 739 graduating students

GPA: 4.0

ACT: 32 Composite

Honors: Advanced Regents Diploma, AP Scholar with Distinction, Science Olympiad Team Leadership Award, French Studies Award, New York State Science Education Leadership Award, QuestBridge Scholar

Leadership Experience

QuestBridge Mentors

Hanover, New Hampshire
September 2013 – Present

Mentor

Familiarized first-year students with the Dartmouth campus and its resources.

Facilitated the transition between high school and college for my mentees and offered support when they were stressed out.

Coordinated meetings with my mentees to foster friendly relationships and to make sure that their time at Dartmouth was going well.

Science Olympiad

New Rochelle, New York
September 2010 – June 2012

Olympian

Programmed a robot arm to pick up items on the floor and place them into boxes.

Collaborated with other students to learn robotics, forestry, petrology, and hydrology in order to compete.

Received a second place medal in the regional competition for Robot Arm.

Projects

Sexuality and Sexual Health

Android Application

New Rochelle, New York
September 2013 - Present

Programmer

Programming an Android application that focuses on sexuality and sexual health. The application will provide information about sexual health, promote safe sex between consenting people, and provide resources that students, both at Dartmouth College and nationwide, can use.

Trained as a Sexual Health Peer Advisor (Sexpert), I would like to give back to the Dartmouth community by helping students learn how to make safe decisions when it comes to sex.

HackMIT - Study Buddy

Android Application

Boston, Massachusetts
October 2013 - Present

Programmer

Programming an Android application with three other students that uses the Jawbone API to obtain sleeping information about a user, and if the user hasn't been sleeping well, the application will block certain apps at night, such as Facebook, that permit the user to "procrastinate" on their work.

Skills

Programming Languages

Proficient in Java, C, Python; Basic level in baSH, XML, and Ruby

Spoken Languages

Native in Spanish and English, Professional in French, Minimal German

Software

Microsoft Office, Adobe Photoshop, Autodesk Maya

Operating Systems

Windows Vista, Windows 7, Mac OS, Android OS