Marco Barragan

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Education

Dartmouth College
Hanover, New Hampshire
September 2012 – June 2016

Awarded Bachelor of Arts degree in Computer Science
GPA: 3.44

- Received Professor's Citation (Dartmouth's academic excellence commendation) on transcript for the Smartphone Programming class, one of 2 students in a class of 60 students.
- Received German Studies Award given annually to top student in 2 German language courses, attended by approx. 12 students.

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

Awarded high school diploma, with honors
GPA: 4.0, ACT: 32 Composite.

- QuestBridge Scholar (top 5% of High School graduating class)

Work Experience

I've worked throughout college ~30 hrs/week, in addition to attending classes, to pay for my tuition and to support my family.
Since graduating I'm working part-time for a small consulting firm and am looking for a full-time position.

Westchester Technology Associates
Larchmont, New York
July 2016 – Current

Web Developer Consultant

- Updated and added new features to local businesses' websites
- Used Wordpress, Shopify, Javascript, HTML, and CSS

Prof. Andrew Garrod
Hanover, New Hampshire
June 2015 – June 2016

Assistant (~10 hrs/week)

- Was Professor Garrod's right-hand person, helping him stay organized, managing his emails and phone, travel arrangements and appointments.
- Gathered information for Professor Garrod's research.

Dartmouth Dining Services
Hanover, New Hampshire
October 2012 – March 2016

Supervisor (~20 hrs/week)

- Started as a dishwasher, was promoted to the Supervisor, responsible for running the café on campus and managing 3 other students and external employees.

Software Development Projects

Senior Project – Rankr
Hanover, New Hampshire
January 2016 – June 2016

Full-Stack Programmer

- Along with 2 other students, built a movie-rating website for students. Website took binary-comparison movie rankings from students, which were then processed on the back-end using ELO chess-ranking algorithm to determine more accurate movie ratings than currently available, and resulting movie ratings were then displayed on website for students.
- I was primarily responsible for front-end: building the website for capturing user rankings and presenting movie rankings.
- Technologies used were JavaScript, Bootstrap JS library, Meteor JS library, MongoDB for data persistence, Iron Router, and two movie APIs (OMDB and TMDB).

HackDartmouth – timeOut!
Hanover, New Hampshire
April 2015 – June 2015

Programmer

- With 3 other students built an Android phone, Pebble watch and web application to incentivize people to exercise instead of sitting online. The app we built won the "Best Health Hack" as well as the "Best Pebble Hack" awards.
- My role on the team was to build the website that was embedded in Android app, and to work on Chrome extension blocking or enabling web usage for users of app, depending on their exercise activity as captured by the pebble watch.
- Technologies I used were JavaScript, Pebble, Android, Parse, and other APIs to provide a seamless experience and near real-time data exchange between the chrome

extension, the android application, and the Pebble smart watch.

Skills

Programming Languages	Front-end: JavaScript, CSS, HTML JS Frameworks: Bootstrap, Meteor Back-end: Python, Java, C, bash scripting DB: MongoDB, Parse DB (for mobile apps)
Spoken Languages	Native in English and Spanish, Proficient in French, Basic German
Software	Microsoft Office, Adobe Photoshop, Autodesk Maya
Operating Systems	Windows, Mac OSX, Android