

# JULIO GAMARRA

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## EDUCATION

### University of Maryland Baltimore County (UMBC)

BS, Chemistry; Minor: Computer Science, GPA: 3.58/4.00

Baltimore, MD

Expected: May 2017

**Relevant Coursework:** Analytical Chemistry with Lab, Organic Chemistry I and II with Labs, Physical Chemistry I and II with Labs

## HONORS/AWARDS

McNair Scholars program

Dean's List

Dean's Fellow Merit Scholarship

Jim Brawley Excellence in Chemistry Award

Fall 2015 - present

Spring 2014

Fall 2013 - present

Spring 2012

## SKILLS

**Laboratory:** Analytical techniques, titration, crystallization, distillation, liquid and thin-layer chromatography, simple organic synthesis, UV-Vis spectroscopy, oscilloscope

**Computer:** Microsoft Office (Word, PowerPoint, Excel), Python, HTML, CSS, JavaScript

**Languages:** English (preferred), Spanish (native), French (proficient)

## RELEVANT EXPERIENCE

### Dr. Joel Liebman

Research – Theoretical Chemistry

Baltimore, MD

2/2016 - present

- Researching the physical properties of molecules through theory and math stemming from known equations in chemistry and physics.
- Participating in and contributing to the development of theories in weekly group meetings.

## ADDITIONAL EXPERIENCE

### Mhacks, HackUMBC, Profhacks, Bitcamp

Hackathon Participant

MD, NJ, MI

2/2016 - present

- Created my own personal website using HTML, CSS, and JavaScript.
- Worked on a project that had software built using a JavaScript framework take in complex words from the user and use a thesaurus API to return easier-to-understand synonyms.

## VOLUNTEER EXPERIENCE

### Lakeland Elementary/Middle School

Assistant

Baltimore, MD

2/2014 – 5/2014

- Guided 1<sup>st</sup> and 2<sup>nd</sup> grade students through their school tasks, and helped them on their homework.
- Behaved as a role model for young students, portraying a respectful and responsible attitude.

### UMBC Harbor Hall Community Action Board

Creative Team Member

Baltimore, MD

9/2014 – 5/2015

- Participated in weekly group meetings to help plan for dorm events on campus.
- Part of a sub-group responsible for adding creativity to posters and events.

## ACTIVITIES

Hackathons

Science Olympiad

Spring 2016 – present

Fall 2011 – Spring 2012

## MEMBERSHIPS

National Society of Collegiate Scholars

National Honors Society

Spring 2014 - present

Spring 2012 – present