

JULIO GAMARRA

<https://github.com/juliocoolio> | www.linkedin.com/in/juliocoolio

(240) 676-9423 | jgam1@umbc.edu

EDUCATION

University of Maryland Baltimore County (UMBC)

BS, Chemistry; Minor: Computer Science, GPA: 3.6/4.0

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 by using computer software "GAMESS" to make calculations for energies such as enthalpy.
- 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 1st and 2nd 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