

Alexis Lopez

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Education

Johns Hopkins University

Bachelor of Science in Chemical and Biomolecular Engineering

Baltimore, MD

Expected May 2019

Lab Experience

Johns Hopkins Center for Bioengineering Innovation and Design

Research Assistant, Ebola PPE Project

Baltimore, MD

April 5th - present

- Assisted in creating Ebola PPE prototypes with funding provided by USAID under the program *Fighting Ebola: A Grand Challenge for Development*.

De Novo Diagnostics

Medical Diagnostic Intern

Houston, TX

June - August 2014

- Assisted in medical diagnostic tests for common GI tract bacteria that included procedures in multiplex PCR, sample buffering, dilution, and electronic gel electrophoresis that utilized QIAGEN® technology and protocols.
 - Assisted basic research on the BioFire FilmArray® technology to determine the minimum concentration of bacteria present in samples that the technology could detect.
 - Served as a mediator between a website design firm and the lab director.
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Administrative Experience

Johns Hopkins Children's Center

Fundraising and Development Intern

Baltimore, MD

September 2015 - present

- Design various publications and graphics for use of the JHCCFD.
- Assist in organization and planning of fundraising events.
- Give tours of the Children's Center to visitors and benefactors.

Charisma's Crayons

Creative Director (Volunteer)

Baltimore, MD

October 2015 - present

- Oversees every creative and multimedia aspect of the nonprofit organization.
 - Designs promotional material including business cards, flyers, brochures, stickers, website, and social media announcements.
 - Plans include STEAM (science, technology, engineering, art, and mathematics)
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Skills

Software

Basic Microsoft Office, Basic Adobe Photoshop, Adobe Lightroom, Basic Adobe Premiere, Adobe InDesign, Basic Unix, Basic Python

Unique Skills

Conversational Spanish, Digital and Analog Photography, Basic Java, Artistic Ability, Basic Graphic Design
