

# Joana Khatib

jkhatib@andrew.cmu.edu | 779-713-65 | LinkedIn: Joana Khatib

## EDUCATION

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### **Carnegie Mellon University | Class of 2021**

Bachelor of Science in Biological Sciences

**Related Courses:** Biochemistry, Physiology, Cell Biology, Genetics, Organic Chemistry, Cognitive Psychology, and Python.

**Skills:** Microsoft Office Suite, Adobe Photoshop CS6, Rhinoceros 3D modelling & printing, and Keynote.

## EXPERIENCE

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### **Design & Modelling | Teaching Assistant**

Carnegie Mellon University, Qatar | Jan 2019 – May 2019

- Prepared project ideas, taught required design tools to fulfill the course syllabus.
- Increased the enrolled students creativity and problem-solving skills as noted in the development of their models.
- Maintained the open 3D printing lab ensuring safe practices with chemicals.

### **International Genetically Engineered Machine (iGEM) Research | Team Leader & Synthetic Biology Researcher**

Carnegie Mellon University, Qatar | April 2018 – Present

- Extracted DNA and aided in guide-RNA synthesis
- Leveraged scholarly publications, analyzed and interpreted bioinformatics to form a cohesive research
- Improved efficiency by outlining monthly objective, running team and sub-team meetings, and enhancing communication.
- Raised interest in CRISPR research through effective communication with experts, classmates, and high school students.

### **Pediatric Clinic | Shadowed American Board Certified Pediatric Dr. Anan Haffar**

Damascus, Syria | May 2018 – July 2018

- Gained clinical and humanitarian experience interacting with patients
- Enhanced critical thinking skills especially in identifying some diseases
- Designed approved meal plans for infants with special metabolic diseases (propionic acidemia)

### **Marshalls | Cashier and Sales Associate**

Bedford, MA | April 2017- June 2017

- Assisted customers and resolved their issues and complaints
- Merchandised products and maintained an inviting sales floor

### **Concord Area Special Education Collaborative | Teacher Assistant and Speech Pathologist Intern**

Bedford, MA | September 2016- May 2017

- Interacted closely with 4 special education elementary students in their learning journey
- Designed interactive projects for the children to informally assess their development
- Researched and showcased an exhibit about the U.S. Individuals with Disabilities Education Act (IDEA)

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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### **Global Shelter Club | President | September 2018- Present**

- Engaging the community with activities that “puts oneself in other people’s shoes” and planning fundraisers
- Helped in raised up to \$700 and delivered them along with clothes donations to a refugee camp in Greece.

### **Biological Science Club | Executive Member | August 2017- December 2019**

- Plan and coordinate annual events to encourage non biology major students to take part in science

**Other Interests:** Piano, Crafts, Swimming, and Badminton