

# RACHEL ISRAEL

## MEDICAL RESEARCH INTERN



www.LINKEDIN.com/in/risrael7



WWW.RACHELISRAEL.COM



LAKE HOPATCONG, NJ



### CERTIFICATIONS

#### **Certified Medical Assistant**

National Healthcareer Association  
2017 - 2018

#### **First Aid Certified**

American Red Cross  
2017 - 2018

#### **AED Certified**

American Red Cross  
2017 - 2018

#### **CPR Certified**

American Red Cross  
2014 - 2016, 2016 - 2018

### SKILLS

>> Technical

Microsoft Word



PowerPoint



Excel



iMovie



Photoshop



Blender



AirTable



### PROFILE

- Curious and resilient student researcher who has conducted and documented a successful nine-month independent research project regarding the cure for eczema.
- Passionate student pursuing a PhD in neuroscience and a career as a pediatric neurosurgeon

### EDUCATION

#### **LIBERTY UNIVERSITY**

*Biomedical Sciences / Computer Sciences / 2017 - Present*

- Honors Program
- 4.0 GPA
- Tau Sigma National Honor Society

### PROFESSIONAL EXPERIENCE

#### **MULTICULTURAL TEEN MENTORSHIP PROGRAM**

*Novartis / East Hanover, NJ / 2015, 2016*

- Created a business proposal for a new cancer drug that blocks mTOR and estrogen pathways and presented it to the board of Novartis and an audience of over 200 people
- Proposed a humanitarian aid project in order to prevent the spread of Malaria in Zimbabwe, Africa
- Helped bag 10,000 dehydrated meals for people in other countries
- Received special recognition

#### **INTERN**

*Jefferson Family Dentistry / Jefferson, NJ / 2016 - 2017*

- Interned for 160+ hours
- Assisted with dental procedures
- Processed x-rays
- Discussed post-operative care with patients

#### **RESEARCH MENTEE**

*Scientific Research Society / Lynchburg, VA / 2017*

- Shadowed and assisted upperclassmen with research projects
- Worked on a project regarding the transference of antibiotic resistance using plasmids
- Worked on a project regarding how folic acid alters gene replication proteins in pregnant mice and the future generations of mice
- Learned proper lab safety techniques

## ACHIEVEMENTS

### >> Structure Tone Inc.

1<sup>ST</sup> place in Green-day art competition

### >> Hebron Hr. Sec. Matric School

Received the Best Volunteer award for going to a school in India and teaching students English and basic computer skills

### >> Structure Tone Inc.

Received \$1000 scholarship

## SPORTS

>> Volleyball

>> Soccer

>> Basketball

>> Bowling

>> Softball

## INTERESTS

PHOTOGRAPHY 

VIDEOGRAPHY 

COMPUTER ANIMATION 

READING 

WRITING 

TRAVELLING 

## EXTRACURRICULARS

### 1<sup>ST</sup> PLACE IN HOSA HEALTHY LIFESTYLE COMPETITION

*New Jersey State Leadership Conference / Gloucester, NJ / 2016*

- Cured my eczema through simple lifestyle changes
- Created a portfolio that documented my independent research project over the span of 9 months
- Advanced to the final round in Healthy Lifestyle at HOSA's International Leadership Conference in Nashville, TN

### NATIONAL TECHNICAL HONOR SOCIETY

*Morris County School of Technology / Denville, NJ / 2016 - 2017*

- Coordinated the 2016 National Week of Positivity in the Morris County School of Technology
- Created stress-reducing activities during finals week

### NATIONAL HONOR SOCIETY

*Morris County School of Technology / Denville, NJ / 2016 - 2017*

- Directed a team of students to help build houses with Habitat for Humanity
- Kept a high GPA
- Volunteered for 400+ hours

### KEY CLUB

*Morris County School of Technology / Denville, NJ / 2013 - 2017*

- Organized the Operation Christmas Child Service Project
- Collected \$960 and 150 boxes of gift-filled shoe boxes that would be given to children in third world countries
- Raised \$300 by planning a volleyball tournament

### AIM GUATEMALA

*One Way Guatemala / Guatemala City, Guatemala / 2016*

- Volunteered in local schools and churches
- Built relationships with local people in the community despite the language barrier

### JUNIOR VOLUNTEER

*St. Clare's / Dover, NJ / 2014 - 2016*

- 200+ hours
- Assisted and observed CT scans
- Discharged patients
- Transported specimens
- Handled patient information

### VOLUNTEER

*Arden Courts / Whippany, NJ / 2014*

- Assisted residents with different forms of dementia
- Kept residents engaged and alert
- Conducted memory games and various tactical activities with the residents
- Helped fundraise to buy a piano for Arden Courts