

# LISA-MONIQUE EDWARD

ASPIRING PHYSICIAN-SCIENTIST

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Current Address: London ON  
Permanent Address: Saint. Lucia

## BIOGRAPHY

A full-time student with a strong academic record, notable laboratory experience and demonstrated leadership ability along with a passion for cancer research. My goal is to pursue an M.D./Ph.D. to become a Physician-Scientist performing true bench-to-bedside research in the future.

 /lisa-monique  
 /lisa-monique.github.io  
 /lisa-moniqueedward

## EXPERIENCE

- HONORS THESIS STUDENT**  
Western University | Sept 18 - present  
Developing a tool for visualizing the composition of NGS datasets in R to analyze HIV sequence diversity.  
Supervisor: Dr. Art Poon
- RESEARCH SUMMER STUDENT**  
SickKids Hospital | May 18 - Aug 18  
Explored the correlation between DNA methylation and transcriptional output in a dataset of over 5,000 cancers using R and Python. Supervisor: Dr. Adam Shlien
- UNDERGRADUATE RESEARCH**  
Western University | Jan 18 - Apr 18  
Studied the relationship between effect size, power and sample size in RNA-Seq data using R. Supervisor: Dr. Greg Gloor
- UNDERGRADUATE RESEARCH**  
Western University | Sept 17 - Apr 18  
Investigated the role of Protein Kinase CK2 in the DNA Damage Response using bioinformatic analyses and biochemical studies. Supervisor: Dr. David Litchfield
- WEB DESIGNER**  
Western University | Sept 17 - Apr 18  
Created Jekyll templates for research group and faculty websites as part of Western University’s work-study program.

## EDUCATION

- HONS BACHELOR OF MEDICAL SCIENCES (B.M.Sc.)**  
Western University | Sept 16 - present  
Computational Biochemistry. Dean’s List. 86%
- ASSOCIATE OF NATURAL SCIENCE**  
Sir Arthur Lewis Community College  
Aug 13 - May 15  
Biology, Chemistry, Pure Mathematics.  
Dean’s List. GPA: 3.9

## AWARDS

- SPECIAL CARIBBEAN SCHOLARSHIP**  
OAS | Jul 18 | 1 of 8 | \$15,000 USD
- GENERATION SCHOLARSHIP**  
Google | Apr 18 | 1 of 15 | \$5,000 CAD
- PRESIDENT’S SCHOLARSHIP**  
Western University | Sept 16 | 1 of 3 | \$50,000 CAD

## INVOLVEMENT

- MEDHACKS CAMPUS AMBASSADOR**  
John’s Hopkins Hospital, Baltimore, MD  
Point of contact. Team built “Nurture” web app: Top 10 in Health Equity track.
- VP COMMUNICATIONS, SHEHACKS ORGANIZER**  
Women in Technology Society|  
Sept 17 - Apr 18  
Created newsletters & promotional material. Grew membership 420%.

## SKILLS

PERSONAL	TECHNICAL
Communication	Microsoft Office Suite
Time Management	Adobe Photoshop
Quick Learner	Adobe Illustrator
Detail Oriented	Latex
Independent Worker	Linux/Unix
Team Player	Git

## LANGUAGES

Python	<div><div></div></div> Excellent
Java	<div><div></div></div> Good
R	<div><div></div></div> Very Good
C	<div><div></div></div> Good
HTML	<div><div></div></div> Excellent
CSS	<div><div></div></div> Very Good
JS/JQuery	<div><div></div></div> Good