

LISA-MONIQUE EDWARD

ASPIRING PHYSICIAN-SCIENTIST

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Current Address: 1576 Richmond St, London ON

Permanent Address: Gros Islet, St. Lucia

BIOGRAPHY

I am a full-time student specializing in Computational Biochemistry. I have 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. dual degree 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 STUDENT**
Western University | Jan 18 - Apr 18

Studied the relationship between effect size, power and sample size in RNA-Seq data using R. Supervisor: Dr. Gregory Gloor
- UNDERGRADUATE RESEARCH STUDENT**
Western University | Sept 17 - Apr 18

Investigated the role of Protein Kinase CK2 in the DNA Damage Response using a combination of 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**
Western University | Sept 16 - present

Computational Biochemistry. Dean's Honours List. Average: 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 GOOGLE SCHOLARSHIP**
Google | Apr 18 | 1 of 15 | \$5,000 CAD
- INTERNATIONAL PRESIDENT'S SCHOLARSHIP**
Western University | Sept 16 | 1 of 3 | \$50,000 CAD

INVOLVEMENT

- MEDHACKS CAMPUS AMBASSADOR, PARTICIPANT**
John's Hopkins Hospital, Baltimore, MD | Sept 18

Served as point of contact at Western University. Built "Nurture" web app: Top 10 in "Open Science to Advance Health Equity" track.
- HACKMIT PARTICIPANT**
MIT, Boston, MA | Sept 17

Worked as part of 4-person team to create Jekyll-based blog site.
- VP COMMUNICATIONS, SHEHACKS ORGANIZER**
Women in Technology Society | Sept 17 - Apr 18

Created newsletters & promotional material. Grew membership 420%.

SKILLS

PERSONAL	TECHNICAL
Time Management	Microsoft Office Suite
Critical Thinking	Adobe Photoshop
Communication	Adobe Illustrator
Quick Learner	Latex
Detail Oriented	Wordpress
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
PHP	<div><div></div></div>	Moderate