



# Lisa-Monique Edward

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## SUMMARY

Current undergraduate student from St. Lucia pursuing a Bachelor of Computer Science. An aspiring Bioinformatician who has taken deliberate steps towards that goal. A motivated, self-taught programmer with a strong academic record, notable laboratory experience and demonstrated leadership ability.

## EXPERIENCE

### Hack Western 3

**Western University**, London, Canada (Oct 14<sup>th</sup>-16<sup>th</sup>, 2016)

Attended Western University's third annual student-run hackathon. 500 participants, 36 hours.

#### **Related Project:** [Seniors in Motion](#)

- Tool for pain relieving exercise routine for arthritis patients.
- Developed python interface to interact with leap motion sensor to detect completed gestures as specified by program.

### Laboratory Volunteer

**Victoria Hospital**, Castries, St. Lucia (Nov 2015 – Mar 2016)

Observed and assisted in various departments of clinical laboratory. Shadowed pathologist, observed and assisted during post mortems.

#### **Related Project:** [National Cancer Registry](#)

- Created digital cancer notification form for data collection.
- Designed, implemented, retrospectively populated and maintained Microsoft Access Database of all cancer diagnoses nation-wide.
- Presented premier, national statistics to Ministry of Health's Epidemiology Department.

### Artistic Director

**Scholars Publications**, Western University (Oct 2016 – Present)

Monitor the quality of and edit (using Photoshop) submitted photographs and artwork for Scholars Showcase Magazine. Nominate images to be used for the center fold. Attend senior meetings.

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## EDUCATION

### BACHELOR OF SCIENCE

**Western University**, London, Canada (2016 – Present)

Honours Specialisation in Bioinformatics, Minor in Biochemistry.

Admitted to Scholar's Electives module for high-achieving students.

Awarded International President's Entrance Scholarship (3 awarded)

### ASSOCIATE IN NATURAL SCIENCE

**Sir Arthur Lewis Community College**, Castries, St. Lucia (2013 – 2015)

Grade I in Biology and Chemistry, Grade II in Pure Mathematics

Top quintile of graduating class

Associate's GPA: 3.86/4.00 | Internal Cumulative GPA: 3.46/3.00

## INDEPENDENT STUDY

### INTRODUCTION TO COMPUTER SCIENCE

**Harvard University** via edX (Feb 2016)

Online course which taught C, HTML, CSS, JavaScript, PHP, SQL, GDB

Final Grade: 1.0/1.0

**Related Project:** [AisleMate](#)

- Final project for course: Web Application to create online shopping list sorted by definable supermarket layout.
- Technologies: Python, Flask, HTML, CSS, Javascript

### ALGORITHMS, BIOLOGY AND PROGRAMMING

**University of California, San Diego** via Coursera (Mar 2016)

Online Python and Rosalind based course which taught beginner bioinformatics algorithms and concepts.

Completed with distinction – 87%

## ACTIVITIES & HONOURS

[International President's Entrance Scholarship](#), Western University, 2016

[Dean's List](#), Sir Arthur Lewis Community College, 2014

[Three Outstanding Academic Awards](#), St. Joseph's Convent, 2013

[Honours List](#), St. Joseph's Convent, 2011

[Member of Women in Leadership Club](#), Western University, 2016

[Member of Amnesty International Club](#), Western University, 2016

[Member of Scientific Research Society](#), Western University, 2016

[Member of Computer Science Undergraduate Society](#), Western University, 2016

[Member of Biological Undergraduate Society](#), Western University, 2016

[Captain of SJC Steel Pan Orchestra](#), St. Joseph's Convent, 2011 – 2013

[Two Extracurricular Awards](#), St. Joseph's Convent, 2013

[Contribution to SJC Life Award](#), St. Joseph's Convent, 2013

[Member of St. Lucia National Trust](#), 2013-Present

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