COMPUTER SCIENCE UNDERGRADUTE

LISA-MONIQUEEDWARD

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Extraordinarily-driven scholar, scientist, artist and leader with an exceptional
array of skills drawn from diverse experiences

EXPERIENCE

2016 – 2017

ARTISTIC DIRECTOR– Scholars Publications House
+ Acquired and edited artistic contributions while meeting set deadlines
+ Led artistic contributors and worked with Scholars Publications team to ensure quality production and meet goals of publication house
+ Hired to return as Editor-in-Chief and lead team for 2017-2018 academic year

Oct 2016

HACK WESTERN 3 PARTICIPANT – Western University
+ Worked as part of 3-person team to create "Seniors in Motion" – a tool for pain relief for arthritis sufferers using Leap Motion sensor written in Python

2015 – 2016

VOLUNTEER LAB TECHNICIAN– Ezra Long Laboratory, St. Lucia
+ Observed and assisted in departments including pathology, cytology, histology, clinical chemistry, hematology, Microbiology and specimen collection.
+ Shadowed Pathologist and witnessed/participated in over 30 postmortems
+ Designed and implemented a National Cancer Register according to international standards using Microsoft Access and Microsoft Excel alongside oncology departments of 3 hospital
+ Presented findings to Government of St. Lucia's Ministry of Health's Epidemiology Department
+ Created and distributed digital, fillable pdf notification form

EDUCATION

2016 – 2020

HONS BACHELOR OF COMPUTER SCIENCE– Western University
+ Pursuing Honors Specialization in Bioinformatics, minor in Biochemistry
+ Awarded International President's Entrance Scholarship (3 awarded)
+ Admitted to Scholars Electives module for high achieving students

2013 – 2015

ASSOCIATES OF NATURAL SCIENCE– Sir Arthur Lewis Community College
+ Completed Caribbean Advanced Proficiency Examinations with Grade I in Biology and Chemistry and Grade II in Pure Mathematics
+ Dean's List – 2014 | 3.86 GPA

INDEPENDENT COURSEWORK

Feb 2016   **INTRODUCTION TO COMPUTER SCIENCE**– Harvard University via edX
+ Completed course in C, HTML, CSS, JavaScript, PHP, SQL, GDB
+ Final Project: "AisleMate" – web application to create shopping list ordered according to custom supermarket layout written in Python with Flask (self-taught), HTML, CSS, JavaScript
+ Final Grade: 1.0/1.0

Mar 2016   **ALGORITHMS, BIOLOGY & PROGRAMMING**– UCSD via Coursera
+ Completed Python and Rosalind based course which taught beginner bioinformatics algorithms and concepts
+ Final Grade: 87% (distinction)

ACADEMIC INVOLVEMENT

Western University:
+ Scholar's Electives
+ Scientific Research Society
+ Mustang Bioinformatics Club
+ Biological Undergraduate Society
+ Computer Science Undergraduate Society
+ Software Carpentry and Transcriptomics Workshop

St. Joseph's Convent Secondary School:
+ 3 Outstanding Academic Awards
+ Honor's List

OTHER INVOLVEMENT

Western University:
+ Women in Leadership Club
+ Caribbean Students' Organization
+ Amnesty International
+ SafeTalk Suicide-Alert helper

St. Joseph's Convent Secondary School:
+ Captain of SJC Steel Orchestra
+ World Youth Alliance
+ 2 Extracurricular Awards
+ Contribution to SJC Life Award

Other:
+ St. Lucia National Trust

SKILLS

Languages: HTML, CSS, JavaScript/JQuery, PHP, SQL, Bootstrap, Python, Flask, Java, R

Technologies: Microsoft Office Suite, Adobe Photoshop, Sharcnet, Git, Linux/Unix, Leap

Personal: time management, communication, team player, independent worker, quick learner, conflict resolution, objective critique of self and others, critical thinking, detail oriented

"Whatever is worth doing at all, *is worth doing well*"

- Philip Stanhope