

Education

Columbia University, The Fu Foundation School of Engineering and Applied Science, New York, NY. Bachelor of Science in Computer Science, minor in Materials Science, minor in Music, expected May 2017

Immaculate Conception High School, Kingston, Jamaica. June 2013

Experience

Computer Science Department, Columbia University. *Office Assistant, June 2015 - Present*

- Perform various tasks around the department for Administrative and Teaching Staff

ENGIE1102 The Art of Engineering, Computer Science Departmental Section, Columbia University. *Teaching Assistant, January 2015 - Present*

- Teach section of introductory course for all Freshman engineering students interested in Computer Science involving hacking an HP 20b Business calculator and reprogramming it in C entirely from scratch.

American Institute of Aeronautics and Astronauts, Columbia Branch. *Webmaster, Sept 2014 - Present*

- Redesigned, implemented and maintain website at www.columbia.edu/cu/aiaa

Music Performance Program, Columbia University. *Office Assistant, September 2014 - May 2015*

- Performed various tasks around the department for Administrative Staff.

Lehman Library, Columbia University. *Bibliographic Assistant, June 2014 - October 2014*

- Checked in/out books, managed entry of new books in internal database.

Introduction to 3-D Animation With Alice Summer Camp, Computing Department, UWI Mona, Jamaica. *Tutor and Administrative Assistant, August 2011, July 2010*

- Taught students in middle and high school basic programming and animation concepts using Alice.

Skills

- Proficient in C, Java, Python, MIPS assembly language.
- Basic proficiency in System Verilog, C++, HTML, JavaScript, CSS, MATLAB, LaTeX and Pascal.
- Currently learning Mandarin Chinese. Basic proficiency in Spanish.

Relevant Coursework

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| • CSEE4840 Embedded Systems | • COMS3261 Computer Science Theory |
| • CSEE4824 Computer Architecture | • COMS3157 Advanced Programming |
| • CSEE4119 Computer Networks | • COMS3131 Data Structures in Java |
| • CSEE3827 Fundamentals of Computer Systems | • ENGI1006 Intro to Computer Science in Python |
| • COMS3202 Discrete Math | • MSAE1001 Atomic Scale Eng. of New Materials |
| • MATH2010 Linear Algebra | • ENGIE1102 The Art of Engineering |
| • SIEO4150 Intro to Probability and Statistics | |

Extracurricular

Application Development Initiative Labs, Columbia University, September 2015 - December 2015

Columbia University Chamber Ensemble, Oboe and Piano, September 2014 - May 2015

American Institute of Aeronautics and Astronauts, Columbia Branch, 2013 - Present

Women in Computer Science, Columbia Branch, 2014 - Present

ICHS Symphony Orchestra: First Oboist, Head of Wind Section and Orchestra Secretary, 2009 - 2013

Honors & Awards

- First in the Caribbean in Computer Science in 2013 Unit 2 Caribbean Advanced Proficiency Examinations
- Third in the Caribbean in Computer Science in 2012 Unit 1 Caribbean Advanced Proficiency Examinations

Volunteerism

Volunteer Art Teacher, Summer Behavioral Intervention Program, Faculty of Humanities and Education, UWI Mona, Jamaica. *August 2013*

Volunteer Oboe Tutor, ICHS. *2011 - 2013*