

## Education

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

**Immaculate Conception High School**, Kingston, Jamaica. June 2013

## Experience

**The Art of Engineering, CS/CE Project, Columbia University.** *Teaching Assistant, January 2015 - Present*

TA for project for Freshman CS/CE students, writing firmware in C for an HP 20b Business calculator.

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

Redesigned, implemented and maintain website at [www.columbia.edu/cu/aiaa](http://www.columbia.edu/cu/aiaa)

**Computer Science Department, Columbia University.** *Teaching Assistant, June 2016 - July 2016*

TA for for Fundamentals of Computer Systems, introductory class to digital logic and computer organization.

**Computer Science Department, Columbia University.** *Teaching Assistant, July 2015 - August 2016*

TA for Data Structures in Java, introductory class to data types and structures.

**Computer Science Department, Columbia University.** *Office Assistant, June 2015 - May 2016*

Perform various tasks around the department for Administrative and Teaching Staff

**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.

**Intro. to 3-D Animation Summer Camp, CS Department, UWI Mona, Jamaica.** *Tutor, August 2011 and 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 SystemVerilog, C++, HTML, JavaScript, CSS, MATLAB, LaTeX and Pascal.
- Currently learning Mandarin Chinese. Basic proficiency in Spanish.

## Relevant Coursework

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| • COMS4115 Programming Languages & Translators | • COMS3202 Discrete Math                       |
| • COMS4156 Advanced Software Engineering       | • MATH2010 Linear Algebra                      |
| • COMS4170 User Interface Design               | • SIEO4150 Intro to Probability and Statistics |
| • CSEE4868 System-On-Chip Platforms            | • COMS3261 Computer Science Theory             |
| • CSEE4140 Networking Laboratory               | • COMS3157 Advanced Programming                |
| • CSEE4840 Embedded Systems                    | • COMS3131 Data Structures in Java             |
| • CSEE4824 Computer Architecture               | • ENGI1006 Intro to Computer Science in Python |
| • CSEE4119 Computer Networks                   | • MSAE1001 Atomic Scale Eng. of New Materials  |
| • CSEE3827 Fundamentals of Computer Systems    | • ENGIE1102 The Art of Engineering             |

## 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