

Gabrielle A. Taylor

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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
- Basic proficiency in C++, HTML, JavaScript, CSS, MATLAB, LATEX and Pascal programming languages.
- Currently learning Mandarin Chinese. Basic proficiency in Spanish.

Relevant Coursework

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| • CSEE3827 Fundamentals of Computer Systems | • COMS3202 Discrete Math |
| • ENGIE1006 Intro to Comp Sci/Python | • COMS3131 Data Structures in Java |
| • MATH2010 Linear Algebra | • MSAE1001 Atomic Scale Engineering of New Materials |
| • COMS3261 Computer Science Theory | • ENGIE1102 The Art of Engineering |
| • COMS3157 Advanced Programming | |

Extracurricular

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

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

ICHS Website Committee, 2011 - 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

Summer Behavioral Intervention Program, Faculty of Humanities and Education, UWI Mona, Jamaica.

August 2013

- Taught group art and craft sessions to students with behavioral disorders at a local high school.

Volunteer Oboe Tutor, ICHS. 2011 - 2013