

Alexandra Louise Orth

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Education

The Fu Foundation School of Engineering, Columbia University, New York, NY

Candidate for Bachelor of Science in Computer Science

Cumulative GPA: 3.21/4.0

Current Coursework: Data Structures and Algorithms, Computer Science Theory, Fundamentals of Computer Systems, Latin American Civilization, Intermediate German, Advanced Computer Animation and Graphics

Maritime and Science Tech Academy, Key Biscayne, FL

Honors and Activities: Top 10 percent of Class, Honors AP Scholar, ECLIPSE (Environmental Advocacy, Head of Communications), National Honor Society

Professional Experience

Columbia College Information Technology, New York, NY

May 2012-Present

Computer Programmer, Desktop Support Intern

Provide support and technical assistance to clients through in-person and remote troubleshooting. Set up and repair of computer equipment, including administration of yearly desktop deployment process. Developed shell scripts in Mac OSX, particularly network backup scripts for day to day use in Columbia College administration.

Watson Library, Metropolitan Museum of Art, New York, NY

August - December 2011

Assistant Library Technician

Organizing of materials using Dewey Decimal and Library of Congress classification systems. Managed circulation of books: front desk management and customer service

Senior Research Internship, MAST Academy, Miami, FL

September 2010 - June 2011

Final project titled "Analyses of the Global Reactions to Climate Change." Assisted Dr. Wafa Khalil with the maintenance of various courses including "Solar Energy II"

Volunteer Service

Ronald McDonald House Charities, Miami, FL

RMHC Volunteer

Administrative tasks including computer maintenance and front desk management. Assisted in organization and management of annual "Hearts and Stars Gala". Acted in the manner of a translator for bilingual families and supervised children.

Skills and Interests

Language Skills: Native Spanish speaker, two year University-level German

Computer Languages: JAVA, C, C+, HTML, CSS, python, bash.

Software Skills: Adobe Creative Suite, Autodesk Maya, Microsoft Office Suite