

MEREDITH HOO

New York, New York

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EDUCATION:

Lehigh University B.S. in Computer Science & Cognitive Science	Class of 2019
Coursework: Data Structures & Algorithms, C Programming, Discrete Structures, Cognitive Neuroscience	Bethlehem, PA
GPA: 3.4	
Bergen County Academies Technical Degree in Computer Science and Technology	Class of 2015
Coursework: C, Python, AP Java, Linux Shell, Data Structures, Linear Algebra and Differential Eq.	Hackensack, NJ
GPA: 3.5	

WORK EXPERIENCE:

Web Developer at Lehigh's International Media Resources Center	Sept 2015-Current
<ul style="list-style-type: none">Manage and implement website content for Lehigh's College of Arts & SciencesConfigure site structure through Drupal & Drush and maintain servers with PHP, & MySQL	
Bloomberg Mobile Development Intern- Sales Intelligence	Summer 2015
<ul style="list-style-type: none">Made OCR business card reader for mobile web app, using jQuery, Javascript, & Backbone.jsMaintained liaison between developers & sales representatives (users) to create ideal product	
Bloomberg Multi-Asset Risk System Intern	Sept-May 2015
<ul style="list-style-type: none">Automated the internal build system for codebaseResolved user memory bug by implementing a script and Bloomberg Terminal UI	
Morgan Stanley Virtualization Platforms Intern	Summer 2014
<ul style="list-style-type: none">Implemented a Python Splunk Rest API for infrastructure serversMonitored and modeled VM latency within front and back end layers via Splunk	

PHILANTHROPIC WORK:

HACK2040 Volunteer for CODE2040 foundation	June 2015
<ul style="list-style-type: none">Mentored participants, and assisted organizers with hackathon productionHelped underprivileged kids by providing support, advice and professional skills	
Communications Director of hackBCA	Sept 2013-March 2015
<ul style="list-style-type: none">Organized a hackathon for high school students & handled marketing, publicity, & PR	
Bergen County Academies Computer Science Teaching Assistant	Sept 2012-May 2014
<ul style="list-style-type: none">Taught high school students Python & Java, developed lesson plans	
CoderDojo NYC Mentor	Nov 2013-Jan 2014
<ul style="list-style-type: none">Developed lesson plans and instructing kids age 7+ for CS related courses	

PROJECTS:

Plagiarism Catcher Algorithm	December 2015
<ul style="list-style-type: none">Determines similarities between large document sets by hashing word seq. with binary search tree	
Audio Visualizer (Live Site)	May 2015
<ul style="list-style-type: none">Musical Capstone project uses p5.js, Two.js, Soundcloud API, FFT, Javascript (in progress)	
Myo Ping Pong Game @ HackRPI	November 2014
<ul style="list-style-type: none">A virtual game of ping pong, using a Myo's Armband Accelerometer, made with Node.js, Phaser.js	
Design Lead for Momma Coders @ Harvard's Women Engineer Code Hackathon	February 2014
<ul style="list-style-type: none">Won 2nd Place for female friendly version of StackOverflow, using Javascript, Parse, & GitHub	
NCWIT National Aspirations Award Runner Up 2014	

COMPUTER SKILLS:

Applications	Eclipse, Git Terminal, PuTTY, UNIX /Linux /OS X/Windows Environments, Splunk, VI
Languages	Highly Proficient: Python, Java, HTML, CSS; Familiar: Javascript, BASH, C, Perl, PHP

INTERESTS:

Cognitive Science (Computer Science, Linguistics, Neuroscience, Philosophy & Psychology), AI & Machine Learning
Green Technology, Education & Racial/Ethnic/Gender/Sexual/Mental Health Equality
Mandarin : Intermediate Reading, Writing, Speaking