

OLIVIA WAN

Software Engineer + Bioprogrammer

Availability: Jan-June 2017

Experience

InfoCommons Analyst	Sept 2015-present
Northeastern University, Information Technology Services	Boston MA
<ul style="list-style-type: none">• Provided computer and misc. tech support to students, staff, and faculty• Maintained printers and other technology within library and across campus• Trained new hires on procedures; created training materials and resources	
UX/Front End Intern	Feb 2016-Aug 2016
Parameters	Remote
<ul style="list-style-type: none">• Converted web app designs into live HTML/CSS layout• Implemented web app features using Angular and Firebase• Assisted with preliminary userflow diagrams, wireframes, and prototypes	

Education

Northeastern University	2015-present
College of Computer and Information Science	Boston MA
Bachelor of Science in Computer Science and Biology	3.880/4.000
<ul style="list-style-type: none">• Activities: NUHacks + various hackathons, iGEM, Symphony Orchestra• Honors: CCIS Dean's List (Fall 2015, Spring 2016)	

Campus Involvement

Service-Learning TA (BIOL 2299: Inquiries in Biology)	Sept 2016-present
College of Science (COS), Service-Learning Program	Boston MA
<ul style="list-style-type: none">• Directed first-year biology students in service-learning partnerships w/ local organizations to develop and deliver biology-themed outreach programs• Assisted instructor with course material during lectures and class discussions	
Course Assistant (CS 2800: Logic and Computation)	May 2016-June 2016
College of Computer and Information Science (CCIS)	Boston MA
<ul style="list-style-type: none">• Tutored students on program correctness and equational reasoning• Graded exams and weekly group assignments for a class of 50 students• Assisted with creation and development of exam material	
International Genetically Engineered Machines (iGEM)	Nov 2015-Oct 2016
COS, Bioengineering/Chemical Engineering Department	Boston MA
<ul style="list-style-type: none">• Researched construction of custom bioengineering hardware/software• Designed and coded online wiki documenting project• Contributed to an interlab research study on strengths of GFP promoters• Worked on corporate outreach and sponsorship efforts	

Contact

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Courses

Object-Oriented Design
Algorithms and Data
Logic and Computation
Organic Chemistry
Genetics and Molecular Biology

Skills

Programming: Java, Racket/
Lisp, Git+Github, basic Python
Web Development: HTML+CSS,
Bootstrap, basic AngularJS
Other: Mandarin, Customer
Service, Technical/Help Desk
Support, general Photoshop

Projects

iGEM Wiki: Online website and
wiki for NEU iGEM team hosted
on MediaWiki/iGEM servers,
built w/ Bootstrap + JS
Perfect Party Playlist: Spotify
playlist sorter built w/ Python,
Flask, and Spotify API at
HuskyHacks 2016

References Available Upon Request