

Olivia Wan

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omwan.github.io · github.com/omwan · linkedin.com/in/olivia-wan

Availability: January-June 2018

Education

Northeastern University, Boston, MA

Sept. 2015-May 2019 (expected)

College of Computer and Information Science

GPA: 3.89/4.00

Candidate for a Bachelor of Science in Computer Science and Biology

- **Courses:** Object-Oriented Design, Algorithms and Data Structures, Database Design, Biochemistry, Biostatistics, Genetics and Molecular Biology, Organic Chemistry, Logic and Computation
- **Honors:** Dean's Scholarship, Dean's List (2015-16, 2016-17)
- **Activities:** Girls Who Code Volunteer, NUHacks and various hackathons, NUStage Pit Band (Violin)

Computer Skills

Languages: Java, Spring (MVC, Boot, Data), ACL2s/Lisp, R, basic Python

Databases: SQL (Oracle, QueryDSL), MongoDB (Shell, Java Driver)

Web Development: HTML/CSS, Sass, Bootstrap, AngularJS, Jasmine, JavaScript/jQuery

Relevant Tools: Atlassian (JIRA, Bamboo, Bitbucket, Confluence), Git/GitHub, SVN, Maven, Tomcat

Systems: Windows 7, 8, 10, Linux, basic Mac OSX

Software: IntelliJ, Eclipse, WinSCP/PuTTY, Sublime Text, Oracle SQL Developer, RoboMongo

Experience

Course Assistant, Logic and Computation

May. 2016-present

Northeastern University, College of Computer and Information Science

Boston, MA

- Summer 1 2016 (May 2016-June 2016), Fall 2017 (Sept. 2017-present)
- Tutored first-year computer science students on functional programming and equational reasoning
- Graded exams and weekly group ACL2s/Lisp-based programming assignments
- Assisted with creation and development of exam materials; reported student progress to professor

Software Engineer Co-op, Feature Research Team

Jan. 2017-Aug. 2017

naviHealth

Newton, MA

- Researched and developed proofs of concepts for new features and technologies, including Kafka Streams API, MongoDB, JasperReports, and a more streamlined UI asset deployment process
- Built backend and frontend components for a common platform to host all naviHealth web applications; used AngularJS for UI, Java and Spring MVC/Boot in a microservice architecture for backend
- Refactored common services for global session, Spring Security, and application access and authorization
- Used Spring Data API to query relational and non-relational databases from Java backend
- Worked on upgrade of application platform to Tomcat 8 and Java 8 to improve performance
- Contributed to Agile process for software development using Atlassian tools (JIRA, Bitbucket, etc.)

UX/Front-end Intern

Feb. 2016-Aug. 2016

Parameters

Boston, MA

- Built mobile-responsive company website with a modular design interface to support different design prototypes and concepts; developed on Tumblr platform with HTML/CSS, Bootstrap
- Used web development tools including Firebase, Angular, basic JavaScript, to build web app components
- Assisted with development of preliminary user flows, designs, and wireframes

References Available Upon Request