BELINDA LI

lib49@uw.edu

EDUCATION

University of Washington *2015 – Present*

Major: Computer Science GPA: 3.94 Graduation Date: June 2019

Related Coursework:

- * CSE 451 Operating Systems
- * CSE 484 Computer Security
- CSE 481 NLP Capstone
- CSE 446 Machine Learning
- CSE 473 Artificial Intelligence
- CSE 331 Software Design & Implementation
- CSE 332 Data Structures and Parallelism
- CSE 311/312 Foundations of Computing
- Math 134/135/136 Honors Accelerated Calculus

* = in progress

Transition School and Early Entrance Program *2014 – 2015*

- One-year college preparatory program intended for preparing gifted students ages 13-15 for early entry into University
- Courses are highly accelerated, fast-paced, in-depth, and research-focused
- Grade: A

RESEARCH

Entity-to-Entity Sentiment Analysis

- Designed novel LSTM-based architectures for extracting sentiment relationships between pairs of entities within a document
- Advisor: Prof. Luke Zettlemoyer
- Paper: https://homes.cs.washington.edu/~lib49/ent2ent_sentiment_2018.pdf
- Poster: https://homes.cs.washington.edu/~lib49/ent2ent_sentiment_2018.poster.pdf

Computational Biological Structures Research

- Wrote script to model 3D locations of membrane vesicles from CyroEM images taken at different angles

TEACHING

University of Washington – *Teaching Assistant* *September 2017 – March 2018*

- Courses taught: CSE 312 (Foundations of Computing II) and CSE 331 (Software Design & Implementation)
- Taught weekly section (~30 students) and designed section material, including worksheets and slides
- Graded homework assignments and exams
- Answered student questions in office hours and on online discussion boards

INDUSTRY EXPERIENCE

Facebook – *Software Engineering Intern* *June – September 2018*

- Developed a biometric-based bot detection solution based on user mouse movements
- Wrote client-side script to track and collect mouse movements on Facebook web
- Created visualizer for tracked mouse movements
- Built simple heuristics as well as machine learning models to detect bots using collected mouse movement data
- Received highest-rated return offer

HONORS AND AWARDS

Denice Dee Denton Scholarship *2018*

National Merit Scholarship *2016*

Dean's List, University of Washington *Every quarter, 2015-2018*

ABRSM Grade 8 (Highest Grade) Piano Pass with Distinction *November 2016*

Overseas Taoli Cup Dance Competition Gold Medal *January 2016*

SKILLS

- Programming Languages: Java, Python, SQL, C/C++, PHP/Hack, JavaScript, MATLAB, HTML
- Tools/Softwares/Services: Pytorch, NumPy, scikit-learn, AllenNLP, Git, Microsoft Azure, Google Compute Engine
- Operating Systems: OSX, iOS, Windows XP/7/8, Android