

LINH NGUYEN

linh-nguyen@utexas.edu | 214-773-8541

EDUCATION | **UNIVERSITY OF TEXAS AT AUSTIN, AUSTIN, TEXAS** EXPECTED MAY 2018
Bachelor of Science in Computer Science
GPA – 3.50

SKILLS | Proficient in Java
Currently Learning C++
Currently Learning JavaScript

Experience in C
Experience in HTML/CSS
Experience in PHP/SQL

COURSES | Algorithms and Complexity FALL 2016
Object-Oriented Programming FALL 2016
Modern Web Applications SPRING 2016
Principles of Computer Systems SPRING 2016

EXPERIENCE | **GOOGLE ENGINEERING PRACTICUM INTERN, NYC, NY** SUMMER 2016

- Worked with partner on improving the local area search filters panel UI.
- Redesigned panel to be a partial screen menu using XMLHttpRequest.
- Created new transitions for opening and closing the updated filters panel.
- Used JavaScript, HTML, and CSS.

TEACHING ASSISTANT, AUSTIN, TX FALL 2016

- Lead weekly discussions and lab hours to explain intro programming concepts.
- Grade assignments, quizzes, and exams for students.
- Teaching assistant for CS 312 - Introduction to Programming.

PROJECTS | **REST API AND HIBERNATE** MODERN WEB APPLICATIONS

- Created API layer using RESTEasy framework for GET/POST/PUT/DELETE.
- Used Hibernate framework to interact with MySQL database.

ROBOT TAG AUTONOMOUS INTELLIGENT ROBOTICS

- Implements reinforcement learning and color detection, simulating tag on robots.
- Runner uses the value learning function in order to learn better escape routes.
- Utilized the Robot Operating System (ROS) and C++.

HUFFMAN CODING DATA STRUCTURES

- Creates new encoding for each character using priority queues, trees, and maps.
- Compresses/decompresses files by using frequency analysis to create encryption.

COMMUNITY | **NELL DALE MENTOR PROGRAM** AUG 2015 – PRESENT
Mentor, part of Women in Computer Science

- Currently mentoring three freshman computer science women.
- Aimed at increasing, supporting, and retaining women in computer science.

ORGANIZATIONS | Women in Computer Science AUG 2014 – PRESENT
Association for Computing Machinery AUG 2015 – PRESENT