JACQUELINE NGUYEN

EDUCATION

Tufts University, *B.S. in Computer Science*   Medford, MA
Expected May 2021
GPA: 3.89
Dean's List Fall 2017 - Spring 2019

EXPERIENCE

Tufts University, *Teaching Assistant*   Medford, MA
Sep 2019 – Present
- Hold office hours for around 70 students to assist with concepts taught in the Web Programming course
- Grade and provide personal feedback on homework assignments; and answer questions on Piazza

iD Tech, *Instructor*   Needham, MA
Jun 2019 – Aug 2019
- Produced lesson plans for 5 different courses by creating handouts and planning educational off-screen activities
- Led classes with an average of 8 students and ensured all students met set curriculum goals

PROJECTS

Scribbles It! | *HTML, CSS, Javascript, Express.js, Heroku*
Oct 2019
- Finalist at Tufts Polyhack 2019
- Designed a real-time painting app and a game inspired by "Draw My Thing" using socket.io and p5.js
- Implemented the backend to support the real-time canvas and chat box/guess box

Snake | *C++*
Jun 2019
- Designed and implemented the classic Snake game using Simple and Fast Multimedia Library (SFML)

God Jammit! | *HTML, CSS, JavaScript, Express.js, Heroku, Firebase*
Oct 2018 – Dec 2018
- Collaborated with a team to develop dynamic "rooms" for jamming sessions that users can join using socket.io
- Integrated MIDI instruments and keyboard playability using tone.js and tonejs-instruments
- Designed and implemented entire layout of web app using Bootstrap

EXTRACURRICULAR ACTIVITIES

Vietnamese Students' Club, *President*   Medford, MA
Sep 2018 – Present
- Plan campus events that promote Vietnamese culture
- Collaborate with other culture clubs in and outside of campus
- Record notes from meetings for club's members

CONTACT INFO

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COURSEWORK

Data Structures

Machine Structure and Assembly Language Programming

Computation Theory

Web Programming

Object-oriented Programming
Graphical User Interface

Calculus II

Discrete Mathmathics

SKILLS

C++

Java

HTML

CSS

Javascript

Git

Heroku

LANGUAGES

English

Japanese

Spanish

Vietnamese