

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

EMAIL

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WEBSITE

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GITHUB

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COURSEWORK

Data Structures

Machine Structure and
Assembly Language
Programming

Computation Theory

Web Programming

Object-oriented
Programming
Graphical User Interface

Discrete Mathematics

SKILLS

C++

Java

HTML

CSS

Javascript

Git

Heroku

LANGUAGES

English

Japanese

Spanish

Vietnamese