Linh Tran

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Education

Tufts University, Medford, MA

Expected May 2022

Bachelor of Science in Computer Science

GPA: 3.75/4.00, Dean's List (Fall 2018 – Fall 2020)

Courses: Data Structures, Algorithms, Machine Structures & Assembly Programming, Discrete Math

Skills

Programming Languages: C++, C, HTML, JavaScript, CSS, Python, Java, Swift

Tools: Socket.io, p5.js, jQuery, Heroku, Tweepy, Java Swing **Software**: Atom, VSCode, XCode, Eclipse, PyCharm, Git, Emacs

Languages: Vietnamese (fluent)

Experiences

Tufts Department of Computer Science

Jan 2020 - present

Medford, MA

Teaching Assistant

• Grade and provide personal feedback on homework assignments and answer questions on Piazza.

Hold office hours for around 70 students to assist with concepts taught in Web Programming.

Tufts Department of Urban Environmental Policy

Sept 2019 - Nov 2019

Research Assistant Medford, MA

• Created 3 Twitter Bots as case studies for research on the influence of social media bots on human's interests in urban planning, using Tweepy and Python

FPT Software Jun 2019 - Aug 2019

Software Engineering Intern

Hanoi, Vietnam

- Implemented the user interface for Flex Digital Healthcare Web Platform using HTML and CSS.
- Developed Sign Up/ Login function for FDH Web Platform using JavaScript.

Singapore Science and Technology Innovation Conference

Jun 2019

Teaching Assistant and Camp Advisor

Singapore

• Guided 300 students from 7 countries in using C++ to design and program innovative technological solutions to social problems.

Projects

PennyWhiz | HTML, CSS, JavaScript, Express.js, Heroku

Nov 2019 - Dec 2019

• Designed and built a money budget web app that allows users to log planned categories and spent categories. Show weekly spending summary using Chart.js. Deployed to Heroku.

Scribbles It | HTML, CSS, JavaScript, jQuery, p5.js, socket.io, Express.js, Heroku

Oct 2019

- Group project, Finalist @ Tufts Polyhack 2019
- Designed and deployed a real-time drawing application inspired by Draw My Thing.
- Implemented the Home page, shared drawing canvas, chat box, drawing toolbar, and Scores system.

Matchy | Swift, XCode 10

Sept 2019

- Implemented a single-view iOS card-matching game using the MVC pattern.
- Added game's algorithm to Shuffle Cards, Restart Game, and Choose a Theme.

Quick Weather! | HTML, CSS, JavaScript

Aug 2019

• Designed and implemented a web app that fetches OpenWeatherMap API to display weather conditions in the city based on user's input.

Activities

• Rewriting the Code, *Member*

Sept 2019 - present

• Tufts Vietnamese Student Association, Secretary

Sept 2018 - present