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**
Teaching Assistant — Medford, MA
- Hold office hours for around 70 students to assist with concepts taught in Web Programming.
- Grade and provide personal feedback on homework assignments and answer questions on Piazza.

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**