

# Linh K. 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 – Spring 2019)  
**Courses:** Data Structures\*, Object-Oriented Programming with GUI\*, Discrete Math\*, Intro Computer Science  
(\*Fall 2019)

## SKILLS

**Programming Languages:** C++, HTML, JavaScript, CSS, Python, Java, Swift  
**Tools:** Socket.io, p5.js, CSS Materialize, jQuery, Heroku, Tweepy, Alamofire, SwiftyJSON, Java Swing  
**Software:** Atom, XCode, Eclipse, PyCharm, Git, Emacs  
**Languages:** English (fluent), Vietnamese (native)

## EXPERIENCES

**Tufts Department of Urban Environmental Policy**, Medford, MA Sept 2019 - Present  
*Research Assistant*

- Created 3 Twitter Bots as case studies for a research on the influence of social media bots on human's interests in urban planning, using Tweepy and Python.
- Report weekly data of bots' interactions with Twitter users for future use in data analysis.

**FPT Software**, Hanoi, Vietnam Jun 2019 - Aug 2019  
*Software Engineering Intern*

- Transformed a Digital Healthcare mobile app into a CLI application using Java.
- 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**, Singapore Jun 2019  
*Teaching Assistant and Camp Advisor*

- Led two STEM summer camps with over 300 students (under 17 years) from 9 countries in ASEAN.
- Guided students in using C++ to design and program innovative technological solutions to social problems.

## PROJECTS

**Scribbles It**, *Group project* Oct 2019

- 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.
- *Technologies:* HTML, CSS, JavaScript, jQuery, p5.js, socket.io, Express.js, Heroku

**Quick Weather!** Aug 2019 - Present

- Designed and implemented a web app that fetches OpenWeatherMap API to display weather conditions.
- Developing a single-view iOS application of Quick Weather.
- *Technologies:* HTML, CSS, JavaScript, Swift, XCode 10, Alamofire, SwiftyJSON

**Matchy** 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.
- *Technologies:* Swift, XCode 10

**Museumistic** Jun 2019 - July 2019

- Built and deployed a Twitter Bot that follows accounts, retweets, scrapes photos from Reddit threads, and generates caption about architecture.
- *Technologies:* Python, Tweepy, Microsoft's Computer Vision API, OpenAI's GPT-2 model

## ACTIVITIES

- Rewriting the Code, *Member* Sept 2019 - Present
- Tufts Vietnamese Student Association, *Secretary* Sept 2018 - Present