

# Linh Tran

Medford, MA 02155 | [linh.tran@tufts.edu](mailto:linh.tran@tufts.edu) | (781) 219-7179 | Website: [meoswift.github.io](https://meoswift.github.io)

## EDUCATION

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**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

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**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

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**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

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**Scribbles It** - Group project

*Oct 2019*

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

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

**Quick Weather!**

*Aug 2019 - Present*

*HTML, CSS, JavaScript, Swift, XCode 10, Alamofire, SwiftyJSON*

- Designed and implemented a web app that fetches OpenWeatherMap API to display weather conditions.
- Developing a single-view iOS application of Quick Weather.

**Matchy**

*Sept 2019*

*Swift, XCode 10*

- 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.

**Museumistic**

*Jun 2019 - July 2019*

*Python, Microsoft's Computer Vision API, OpenAI's GPT-2 model*

- Built and deployed a Twitter Bot that follows accounts, retweets, scrapes photos from Reddit threads, and generates caption about architecture.

## ACTIVITIES

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○ Rewriting the Code, *Member*

*Sept 2019 - Present*

○ Tufts Vietnamese Student Association, *Secretary*

*Sept 2018 - Present*