# LINH TRAN

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## EDUCATION

**B.S in Computer Science and Economics**                                        **Expected May 2022**

**Tufts University**, *Medford, MA*

GPA: 3.75

*Courses*: Intro Computer Science, Principle Economics, Intermediate Microeconomics Theory

*Honors*: Dean's List (Fall 2018 – Spring 2019)

## EXPERIENCE

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

*Research Assistant*

• Assisted in research on neural networks bot detection by creating 3 Twitter Bots to measure bots' influence on human's interests, using TweepyAPI, RedditAPI, and Python. Bots can tweet, favorite, and update media.

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

*Software Engineer Intern*

• Transformed a Digital Healthcare Mobile app into command-line interface using Java.

• Collaborated with WebDev team to implement the UI for FDH Web platform using HTML and CSS.

• Developed Sign Up/ Login UI for FDH webpage 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 (17 years and under) from 9 countries in ASEAN.

• Assisted students in using the C++ language to design and program innovative technological solutions to social problems.

## PROJECTS (https://github.com/meoswift)

**Matchy**                                                                       **Sept 2019 - Present**

• A single-view iOS card-matching game application in which user can start a New Game and Shuffle Cards. (Updating Choose a Theme and Scores functions)

• Used Swift and XCode 10 to design user interface and implement game's algorithm.

**Quick Weather!**                                                               **Aug 2019 - Present**

• Created a web application that fetches OpenWeatherMap API to display weather conditions. User can search any city's current weather in metric or imperial unit. (Updating Weekly Weather Forecast function.)

• Used HTML, CSS, JavaScript, jQuery

**Museumistic**                                                                  **Jun 2019 - Present**

• A Twitter Bot that follows accounts, favorites, and retweets about architecture. Bot scrapes photos from Reddit threads and generates caption. When fed with news headlines, bot updates tweets.

• Used Python, Microsoft's Computer Vision API, and OpenAI's GPT-2 model.

## SKILLS

*Language*: Vietnamese (native), English (fluent)

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

*Tools:* jQuery, Microsoft's Computer Vision API, Tweepy API, OpenWeatherMap API, RedditAPI

*Software*: Atom, XCode, Eclipse, PyCharm, Git, Emacs, Vim

## ACTIVITIES

**Vietnamese Student Association,** Tufts University*, Secretary*                 **Sept 2018 - Present**

**Tisch Library,** Tufts University, *Book Shelver*                              **Jan 2019 - Present**