Linh Tran

Medford, MA 02155 I linh.tran@tufts.edu I (781) 219-7179
GitHub: github.com/meoswift I Website: meoswift.github.io

Education

Tufts University / Medford, MA   **Expected May 2022**
Bachelor of Science in Computer Science
GPA: 3.84/4.00, Dean's List (Fall 2018 – Spring 2021)
Courses: Algorithms, Programming Languages, Machine Structures & Assembly Programming, Discrete Math, Computation Theory, Linear Algebra, Software Engineering

Experiences

Facebook / Menlo Park, CA - Remote   May 2021 - Aug 2021
Software Engineer Intern
- Worked with team Remote Presence AR Experiences as an Android engineer, using primarily Kotlin.
- Implemented a UI redesign of the current AR effects entrypoint on Instagram video calls, which support over 150 million daily active users.
- Increased AR participation rate on Instagram video calls by 2% in early public testing of UI redesign.
- Collaborated with engineers and product designers across different teams to finalize architecture and resolve variance between design and implementation.

Tufts Dept. of Computer Science / Medford, MA   Jan 2020 - May 2021
Teaching Assistant for Algorithms (Spring 2021, Fall 2020), Web Programming (Spring 2020)
- Held office hours to assist with core concepts of respective courses. Graded, provided personal feedback on homework assignments for 250+ students, and answered questions on Piazza.

Facebook / Menlo Park, CA - Remote   May 2020 - Aug 2020
FBU Engineering Intern
- Developed an Android social media app that connects bucket lists creators, using Java and Parse.
- Implemented a simple feed ranking algorithm when displaying posts to create better user experience. Utilized Google Places API to display a list of places for users to add to their travel bucket lists.
- Participated in an Android mobile development training course with team Stories Client Health.

Tufts Dept. of Urban Environmental Policy / Medford, MA   Jul 2019 - Oct 2019
Research Assistant
- Created 3 Twitter bots as case studies for Prof. Hollander's research on the influence of social media on human's interests in urban planning, using Tweepy and Python.
- Programmed and deployed bots that can follow accounts, favorite, retweet, scrape photos from Reddit threads, and generate captions using Microsoft's Computer Vision API.

Projects

Buckets / Java, Android Studio, Parse   Jul 2020 - Aug 2020
- Designed and implemented an Android social networking platform for bucket lists creators.
- Functionalities: Users can create new buckets, add goals, and track their progress on each bucket. Users can search for any city and add the places they would like to visit to a bucket. Users can also follow other users and view a feed of stories about their accomplishments.

Jumbo Notes / HTML, CSS, JavaScript   Feb 2020
- Designed and implemented from scratch a note-taking web application that replicates Google Keep. Current functionalities for users include: create, edit, archive, and pin notes.

Scribbles It / HTML, CSS, JavaScript, 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.

Skills

Programming Languages: Kotlin, Java, JavaScript, Python, Node.js, HTML/CSS
Software/Tools: Android Studio, Visual Studio Code, Mercurial, Git, MongoDB, XCode
Languages: English and Vietnamese (fluent)

Activities

Tufts JumboCode / Software Engineer   Sept 2020 - May 2021
Rewriting the Code / Member   Jan 2019 - present
Tufts Vietnamese Students' Association / Secretary   Sep 2019 - May 2020