Xinyu (Lindsey) Feng

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Education

University of Southern California *current GPA: 3.83/4, Dean's List* **Aug. 2019 – May. 2023 (expected)**
B.S in Applied and Computational Math, B.S in Computer Science
Relevant Courses: Software Development, Introduction to Computer System, Introduction to Algorithm, Data Structure and Object-Oriented Design, Discrete Methods in Computer Science, Probability theory, Mathematical Statistics, Linear Algebra and Linear Differential Equations, Multivariable Calculus.

Projects

Text Generator **Aug. 2021 - Now**

- Currently developing a website that generates fanfiction using **RNN model to predict, Java as the backend language and vanilla HTML, CSS, and JavaScript as the frontend language.**
- Planning to be launched by Mar. 2022
- Working with a student from UT Austin

LEAN-LIFE project @ INK Lab **Mar. 2021 - Now**

- Designed and implemented the visualization of the process and results of sentiment analysis using **d3.js and pure JavaScript** and integrated it into the LEAN-LIFE project.
- Designed and implemented a user interface for users to interact with models and display results using **bootstrap, html and JavaScript** and integrated this page into the LEAN-LIFE
- Worked with fellow PhD students at INK Lab@ USC.

Stock Picker @ Huatai Securities **July. 2021 – Aug. 2021**

- Designed and implemented a general linear model **using scikit-learn, pandas and python** for stock price predictions with data from Chinese stock market.

Experiences

INK Lab @ USC Research Assistant **Mar. 2021 - Now**

- Worked on the LEAN-LIFE project for frontend development.
- Currently working on training Few-shot Named-entity recognition with Pytorch.
- Working with fellow PHD student from INK Lab.

Huatai Securities Summer Intern **July. 2021- Aug. 2021**

- Designed and implemented a stock picker.
- Learnt and implemented multiple linear models and related method, **including gradient decent, linear regression, logistic regression, perceptron, general linear models from scratch using Python and Numpy.**

Technical Resilience Mentoring Program @ Microsoft Participant Mar**.2021 – Apr.2021**

- Solved technical problems and developed technical and growth mindset.
- Worked with students from different universities and Microsoft employees.

Pactera Robotic Processing Automation Project Intern **July.2020 – Aug. 2021**

- Reviewed the working library and codes of my colleagues, understanding more of RPA.
- Worked to understand and translate ECMA-262 into Chinese to help with the development.

Skills

Language: C++, Java, Python, Pytorch, C, R, HTML, CSS
Tools: Bootstrap, Vanilla HTML, scikit-learn, pandas

Honors

- Center for Undergraduate Research in Viterbi Engineering (CURVE) Fellowship 2021-2022
- Dean's List for Viterbi School of Engineering 2019-2021
- Dean's List for Dornsife college of Letters, Arts and Science 2019-2021