LIN H. CHEN

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https://github.com/lhchen42

https://lhchen42.github.io/

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EXPERIENCE

TradeView, LLC
New York, NY

10/2021 - Current (Part-Time)

- Maintain a python application that developed by their former developer.

Cole Solutions, LLC
Piscataway, NJ

08/2021 - Current (Full Time)

- Develope and Maintain all the frontend portion of an ERP system.
- Utilize ASP.NET Core and SQL server.
- Integrate Azure directory for the user authetnication.

Research: Binary Clone & Vulnerability
Newark, NJ

10/2019 - 06/2021 (Research Assistant)

- Analysis binary codes, read technical papers and implement baselines.
- Collect and build binary data processing pipeline.
- Design and implement Deep Learning model, and perform experiment.

YouVisit
New York, NY (Remote Intern)

05/2017 - 09/2017

- Develop a VR environment of a solar system with interactive constellations using Unity3D.
- Design text UI and Help prepare varies 2D and 3D assets with designer team.

PROJECTS

Calendar
- One week project, a simple calendar web APP written using VueJS framework with backend supported by Firebase
- Having both Monthly and Weekly calendar and allow user to add and manage appointments

Multihead-SelfAttentive
- A deep learning model to find the similarity of two pieces of binary functions.
- Borrowing the idea of multihead attentive of Bert, integrate with Self-Attentive Neural Network

CNNaSPP
- NLP model to find the similarity of two sentences or two pieces of binary functions
- Convolution Neural Network with Spatial Pyramid Pooling

Weather App
- IOS app, report real time weather information and 7 days forecast.
- Design 7 days forecast UI and write script to get 7 days forecast information from OpenWeatherAPI

SKILLS

Languages:

C/C++, Python, C#, Java, HTML/CSS, JavaScript, bash

Framworks & Libraries:

Pytorch, Pandas, Numpy, AllenNLP, Gensim, sklearn, r2pipe, NodeJS, Express, VueJS, JQuery, ReactJS, Qt, .Net

Other:

Blender, Photoshop, Unity3D, UE4, Docker, Singularity, radare2, gdb

EDUCATION

New Jersey Institute Of Technology
Newark, NJ

2016 - May, 2021

Master of Science:

Computer Science

GPA: 3.70

Saint Peter's University
Jersey City, NJ

AWARD & GRANTS

NSP I-Corps Site Mini Grant

IBM Blockchain Practitioner Badge

IBM Design Thinking Practitioner Badge