LIN H. CHEN

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EXPERIENCE

Research: Binary Clone & Vulnerability

Newark, NJ

10/2019 - 06/2021

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

Qu Construction Inc.

Bayonne, NJ

06/2019 - 06/2021

- Part-time, handling all Chinese-English translation requests.
- Manage and organize various business documents and merchandise orders.
- Help maintain and fix employees laptop and electronic device in need.

YouVisit

New York, NY (Remote)

05/2017 - 09/2017

- Internship, develop a VR environment of a solar system with interactive constellations using Unity3D
- Design text UI and write script for the interactions.
- 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, Java, HTML/CSS, JavaScript, bash

Framworks & Libraries:

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

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