YI QU

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Suite 3-2004
Chengdu, Sichuan
China

Personal Website:
https://vincent-yi.github.io/
yiqu.github.io/

Code Repositories:
https://bitbucket.org/Yi_Qu/

Research Skills:
— AI Frameworks:
TensorFlow, PyTorch,
OpenCV, NLTK

— Bioinformatics:
GenBank, PDB

— Raspberry Pi 4:
Mesh Server Setup,

— Time-series Analysis

— Distributed Systems

A versatile, hard-working, and highly organized Ph.D. student focusing on edge computing and data mining. Always trying to apply smart devices in creative stuff and daily life.

EDUCATION

2008.09 — 2012.06

Bachelor of Science in Biology
— Sichuan University, Chengdu, Sichuan, China

2016.09 — 2018.05

Master of Science in Computer Science
— Illinois Institute of Technology, Chicago, Illinois, USA

2019.09 — 2021.06 (Withdraw)

Doctor of Philosophy in Computer Science
— Illinois Institute of Technology, Chicago, Illinois, USA

RESEARCH EXPERIENCE

2021.07 — 2022.01

Fine-tune Roberta for question answering based on Squad 2.0

2021.01 — 2021.05

Deep Learning model for Functional Cell Units detection
— Illinois Institute of Technology, PhD Candidate

2019.09 — 2020.09

Bitcoin price predictor using Deep Neural Networks
— Illinois Institute of Technology, PhD Candidate

2019.09 — 2019.12

P2P File Transfer System Implementation of Gnutella protocol
— Illinois Institute of Technology, Researcher

2019.01 — 2019.09

Music Generation using Deep Neural Networks
— Illinois Institute of Technology, Researcher

Development Skills:
— Programming Languages:
C, C++, Java, Javascript, Lisp

— Frontend Frameworks:
React, Vue, NextJs, Flutter,
Uni-app

— Backend Frameworks:
Django, Gin, Express

— Database:
MySQL, PostgreSQL,
MangoDB, Redis, Cassandra

— Full-stack development,
deployment and
management of web/mobile
apps

2018.06 — 2018.12

Metaphor detector using Deep Neural Networks
— Illinois Institute of Technology, Research Intern

WORKING EXPERIENCE

2022.07 — present

Full-stack web/mobile development using Flutter & Uni-app
— Compass Tech, Product Manager

2022.01 — 2022.06

Online customer service using Dialogue Transformers
— Compass Tech, Senior Product Researcher

2015.09 — 2016.09

Chinese Language Learning mobile Application Development
— Vision Afar Tech, Mobile Application Developer

2013.09 — 2014.09

Learn German in Frankfurt am Main
— Goethe Institute Frankfurt

TEACHING EXPERIENCE

2020.09 — 2021.01

Teaching Assistant for System Programming Course
— Illinois Institute of Technology, PhD Candidate

2019.06 — 2019.07

Guest Lecturer for Bioinformatics in Summer Session
— Sichuan University, School of Biological Science