

YIE-SHENG(JIMMY) CHEN

1200 Avenida Cesar Chavez SE, Albuquerque, NM 87106 · 505-313-5102
tallpik3@unm.edu · [linkedin.com/in/yie-sheng-chen-36545076/](https://www.linkedin.com/in/yie-sheng-chen-36545076/)

Interested in Prof. Patrick G. Bridges' Spring RA position on developing performance models and scheduling algorithms for large-scale computing systems.

EXPERIENCE

JAN 2019 – JUNE 2021

R&D ENGINEER IN CLOUD INFRASTRUCTURE, ASUSTEK COMPUTER INC.

Participated in planning and implementing a Proof-of-concept ceph storage system for AT&T: Studied CQSim paper and Ceph crush paper to find a possible way to implement partitioned placement strategy, etc.

Implemented object, block and multi-site object storage for Taiwan2 supercomputer expansion phase 3: Deployed a 20PB+ Suse Enterprise Storage 5.5 through Ansible and Deepsea and troubleshoot the deployment process.

AUG 2017 – DEC 2018

R&D ENGINEER IN COMPUTER VISION AND DEEP LEARNING, ASUSTEK COMPUTER INC.

Collaborated with a team of 12 people to optimize an open source face feature extraction model: training data collection from youtube and labeling and filtering data (utilized a proprietary face recognition system through python RESTful API). Surveyed related papers and conducted experiments on various facial attributes related tasks that include: blurriness classification, face emotion classification by fine-tuning pre-trained Facenet, face pitch angle estimation by fine-tuning and distilling pre-trained Facenet, and face detection and pitch estimation through fine-tuning SSD.

EDUCATION

JULY 2021-PRESENT

PHD COMPUTER SCIENCE, UNIVERSITY OF NEW MEXICO

Courses: Compiler, Mobile computing, Experi. method

AUG 2011-MAY 2013

M.S. COMPUTER ENGINEERING, UNIVERSITY OF FLORIDA

Courses: Adv. Data Structure, Compu. Architecture Principles

TECHNICAL SKILLS

- Programming languages: Python, Golang, C, Java, JavaScript, Shell script
- Deep learning frameworks: Tensorflow

- Other tools and systems: Ceph, Ansible, Salt, k8s, RabbitMQ, docker, git, Android open source project, Meld, Prometheus, Node-exporter

ACTIVITIES

I enjoyed jogging as exercise and also as a way to settle my mind. I was a member of the computer science badminton team in undergrad.