

# JUN TIAN

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## SUMMARY

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A highly self-motivated student, who is expected to receive a bachelor's degree in data science in 2024 and eager to pursue a doctorate. In previous scientific research experiences, have enriched theoretical system and mastered problem-solving ability. Hope to delve deep into the field of computer vision. Always aim for a big-picture target, and enjoy creating a solid, detail-oriented plan to get there.

## EDUCATION

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### University of California, Berkeley

*Berkeley Global Access, Visiting Undergraduate Student*

Relevant Coursework: CS61C, CS182, CS267.

**Berkeley, CA**

*Spring 2023*

### University of Electronic Science and Technology of China,

*Bachelor of Data Science*

Samsung Scholarship, Outstanding Student Scholarship. GPA: 3.99/ 4.0

Relevant Coursework: Machine Learning, Computer Vision, Artificial Intelligence

**Chengdu, CN**

*Sep 2020 - Jun 2024*

## RESEARCH EXPERIENCE

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### University of Electronic Science and Technology of China

Undergraduate Research Assistant with Guoqing Wang & Jingjing Li

Jan 2022 - Nov 2022

*Chengdu, CN*

- Introducing imbalances into open set domain adaptation.
- Exceeded average 4% on the benchmarks and achieved new state-of-the-art.
- Conducted a large number of comparative experiments and revised the paper.

### University of Electronic Science and Technology of China

Undergraduate Research Assistant with Junming Shao

Sep 2021 - Dec 2021

*Chengdu, CN*

- Assisted with a doctoral student to implement various comparative experiments.
- Verified the reliability and effectiveness of the proposed method.
- Repeatedly check and assisted in polishing paper writing.

## PUBLICATION

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### Imbalanced Open Set Domain Adaptation via Moving-threshold Estimation and Gradual Alignment

Jinghan Ru, **Jun Tian**, Zhekai Du, Chengwei Xiao, Jingjing Li, Heng Tao Shen

arXiv:2303.04393.

### Learning multiple gaussian prototypes for open-set recognition

Jiaming Liu, **Jun Tian**, Wei Han, Zhili Qin, Yulu Fan, Junming Shao

Information Sciences. ISSN 0020-0255.

## PROJECT

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### Deep Learning in Computer Vision

Jan 2021 - Feb 2021

An online program organized by MIT, taught by Prof.Suvrit Sra, Dr. Alexander Amini and Dr. Ray Liao.

- Serve as the project team leader, organize the entire work.
- Implemented DeepLabv3+ to achieve semantic segmentation on the Cityscape dataset.
- Carried out the interpretability analysis for the segmentation mode.

## LEADERSHIP

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- Vice President of Microsoft Student Club, organize and share scientific and technological knowledge
- Deputy monitor of the administrative class, engaged in relevant student work

## SKILLS & LANGUAGES

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<b>Technical Skills</b>	Python, C, C++, Pytorch, RISC-V, SQL, Machine Learning, Web Crawler, HTML
<b>Soft Skills</b>	A planner and a doer, Able to concentrate for long periods of time Highly self motivated, Ability to work in a team
<b>Languages</b>	English(intermediate, Duolingo 115), Chinese(Native Speaker)