DU Linkang

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EDUCATION

Zhejiang University   **Zhejiang, China**

BS in Control Science and Engineering   *09/2014–06/2018*

- **GPA**: 3.76/4.0;
- **Honors**: 2015–2016 & 2016–2017 Excellent Students Awards, Five-star Volunteer
- **Specialized Courses**: Engineering Graphics (94), University Physics (94), Software, Technology (97), Computer Networks (90), Principles of Automatic Control (93).

Zhejiang University   **Zhejiang, China**

PhD in Cyber Security   *09/2018–Present*

- **Honors**: 2018–2019 & 2019–2020 Excellent Students Awards, The 4th China Graduate Contest on Application, Design and Innovation of Mobile Terminal (second prize of national)
- **Publications**: AHEAD: Adaptive Hierarchical Decomposition for Range Query under Local Differential Privacy. ACM Conference on Computer and Communications Security (2021). (1st author), Privacy-preserving distributed machine learning via local randomization and ADMM perturbation. IEEE Transactions on Signal Processing 68 (2020): 4226-4241. (3rd author), Differential privacy-preserving distributed machine learning. 2019 IEEE 58th Conference on Decision and Control (CDC). (3rd author).

INTERNSHIPS

Professor Shan Liu's Lab at Zhejiang University   **Zhejiang, China**

Research intern in robotic control   *06/2016–03/2017*

- Installed the monocular camera on the robotic arm and completed the calibration.
- Built a mechanism to extract the characteristics of the grabbed object from the image collected by the camera.
- Designed a visual-based feedback method to realize the point-to-point trajectory tracking problem.

Professor Wei Jiang's Lab at Zhejiang University   **Zhejiang, China**

Research intern in machine vision   *04/2017–03/2018*

- Collected table tennis hitting video and labelled the quality of hitting action.
- Designed video analysis and evaluation algorithms based on CNN and LSTM neural network models.
- Used Generative Adversarial Network (GAN) to implement standard hitting motion generation.

Professor David Yau's Lab at Singapore University of Technology and Design   **Singapore**

Research intern in cyber-physical system   *03/2018–04/2018*

- Learnt the basic operation of SUTD SWaT experimental platform.
- Collected experimental platform data and analyzed equipment operating status.

ACTIVITIES

- Staff in the Student Union of Zhejiang university (2014–2015)
- Volunteer in the 120th Anniversary of Zhejiang University (2017)
- Chairman in the Student Union of College of Control Science and Engineering (2016–2017)
- Volunteer in the 2019 China Automation Conference (2019)

SKILLS & INTERESTS

- **Languages**: Chinese (native), English (fluent)
- **Programming**: Python, MATLAB, C/C++ (basic)
- **Certifications & Training**: National Computer Rank Examination (level 2)
- **Interests**: Graphic design, Badminton, Swimming