Jiacheng Lin

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EDUCATION

B.Eng in Computer Science and Technology Aug. 2020 – present

Ocean University of China

- Courses: Data Structures and Algorithms, Discrete Mathematics, Computer Networks, Operating Systems
- Interest: AI, Visualization Technology, Software Engineering, Computer Organization Principle
- GPA:3.4 last term
- IELTS:7.0

RESEARCH EXPERIENCE

Experimental Project Sep. 2020 – Present

advised by counselor Xue

- Machine Learning
  [ResNet] Gesture Recognition Using ModelArts
  -creating datasets, developing training in algorithms, converting training into skill and deploying and executing tasks online
- Human-Computer Interaction
  [JetBot] Target Tracking and Obstacle Avoidance of Robot Vehicles
  -embedded hardware and wireless signal connection, embedded programming with ROS, and image recognition training and detection
- Data Analysis and Visualization
  Visualizing Data in a Practical Scenery Web-building
  -data analysis and efficient information collection in healthcare scenery with multiple patients, Python data processing and JSON-storage, building HTML webpages with data-binding and CSS styling

Lab Research Jun. 2022 – Present

supervised by professor Cao

- Computer Vision
  Optimization of a Semi-Supervised Hash Coding Image Recognition Model
  -*con-authoring a paper as currently under submission*
  -responsible for code debugging and result recording
- Machine Learning
  Reproduction of Classic Models and Data Support
  -my responsible par: SDH, TBH, SSDH ...
  -proficient in building models and common datasets, and knowledgeable about GPUs

Graduate Student Seminar Dec. 2021 – Present

guided by professor Cao and professor Yu

- Large-scale Data Retrieval ...
  Long-term Participation in Different Fields
  -listening to reports on series topics and engaging in discussion
  -proficient in studying, recording, and presenting research reports

EXTRACURRICULAR ACTIVITIES

ByteDance Youth Camp | *ByteDance Inc.*

-**participant** engaged in activities to learn back-end development skills and gained knowledge on its practical applications in commercial development.*Fall 2021*

-**project leader** studied Android client development, gained experience in project coordination, and successfully delivered a project demonstration.*Summer 2022*

SRDP Project-initiator | *Ocean University of China*

-responsible for the independent project-proposal.

-select undergraduate self-interest research topic with teammates.

Unpaid Part-time Job in Library | *Ocean University of China*

-providing information and consultation services to student.

-gained a strengthened sense of responsibility and fulfillment.

-enhanced communication and interpersonal skills.

About Me

Honor : *Received college encouragement scholarship for three consecutive semesters.*

Github : *Created and participated in projects, as well as personal interests in various fields.*

CSDN : *Long-term professional learning records include algorithm learning and experience sharing.*

MINOR : *Taking some civil engineering core courses at 1st year for interest.*