Zedong Peng

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EDUCATION

- **Shanghai Jiao Tong University** — Shanghai, China
  Bachelor of Engineering - Information Engineering; GPA: 3.48 — *September 2020 - Present*
  Courses: *Discrete Mathematics:3.7, Machine Learning:3.4, Linear Algebra:4.0, Thinking and Methodology in Programming(C++):3.7, Data Structures:3.7*

SKILLS SUMMARY

- **Programming**: Python, C/C++, matlab,Verilog
- **Languages**: CET4:540, CET6:481, GERMAN:A1, TOEFL:N/A

RESEARCH EXPERIENCE

- **John Hopcroft Center for Computer Science of Shanghai Jiao Tong University** — Shanghai, China
  research includes security and privacy in machine learning. — *July 2022 - Present*

PROJECTS

- **V2V Bi-directional DC Wide Input and Output Voltage Vehicle-to-vehicle Charging (Electrical Engineering)**: The 27th "Shanghai Jiao Tong University Student Innovation and Practice Program" (June '2023)
- **Cifar-10 Pervasive Object Recognition (Machine Learning)**: Classify color images into one of ten classes. Tech: Python, Pytorch (May '2022)
- **VR Game "Zoo Strange Talk" (Unity3D)**: VR & AR design and development practice (CS085) course project. Implement an original VR adventure puzzle game. Tech: Unity, C##. (December '2021)
- **Automatic Tracking Camera (Computer Vision)**: A course project in the Engineering Practice (SI1210). Implement a simple face recognition function using python language and an automatic camera tracking function using Raspberry Pi (Linux system). Tech: Python, Linux, Raspberry Pi, Arduino, OpenCV. (May '2021)
- **Arduino-controlled Stair Climbing Trolley(Electronic Engineering)**: A course project in the Electronics System Design Based on Android System (ES004). Independently design the mechanical structure and circuit of the cart. Control cart movement with self-designed Android program. Tech: C/C++, Arduino. (May '2021)

HONORS AND AWARDS

- The second prize of the non-mathematics group of the 13th National University Mathematics Competition - 2021
- Shanghai Jiao Tong University 4th "Yunhan Cup" RobotMaster Intramural Competition 1st Prize - 2021
- Liu Yongling Foundation Scholarship - 2021
- B-class Merit Scholarship - 2021
- Advanced Individual in Social Practice of Shanghai Jiao Tong University - 2021