ZHENGNAN MA

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Experience

VEICHI COMPANY(7/2019 – 7/2020)

SERVO DRIVE ENGINEER

- Basic control code maintenance.
- Chasing shear development.
- Flying shear development.
- Electronic cam development.

MOBO ROBOTICS COMPANY(7/2020 – NOW)

EMBEDDED SOFTWARE AND SERVO DRIVE ENGINEER

- Temperature sensor (Drive code and data analysis)
- Vibration sensor(Drive code and communicate with PC)
- Servo drive three loop controller(current/speed/position)
- Servo drive torque disturbance observer
- Servo drive speed observer
- Servo drive vibration suppression

PERSONAL PROJECT

Motor control simulation with c/cpp.

- Motor and inverter model (Runge Kuta Solver)
- Controller(pid/observer)
- Plot tools(matplotlibcpp)

Education

Master degree(2016 - 2019)

Harbin University of Science and Technology

Bachelor degree(2011 - 2015)

Northeast Electric Power University

Publish

Language

- English(B1)
- Chinese

Skills

- C/C++
- MATLAB
- PYTHON
- MCU
- FPGA