Jingxuan LI

Mobile telephone: +86-13524840547 Email: lijx25@outlook.com
Add.: Room 101, No 27, Lane 572, No.4 Guangling Road, Hongkou District, Shanghai, China, 200434

Education

09/2021-06/2025 East China University of Science and Technology (ECUST)

Major: Process Equipment & Control Engineering
Overall GPA: 3.3/4.0 | 84/100
Degree Expected: Bachelor of Engineering
Core Courses: Theoretical Mechanics, Fundamentals of Control Engineering, Practice Design of Mechanical Principles, Advanced Mathematics, Linear Algebra, Engineering Fluid Mechanics, Mechanical Design, Advanced Composite Materials, University Physics, Principles of Chemical Engineering and Big Data Visualization.

Exchange Program

01/2024-02/2024 University of Cambridge Winter Academic Research Programme

Course Structure: "Engineering Thinking and System Design"
Research Topics**:** Wearable Personalized Virtual Assistant for ADHD patients
Main Role: Responsible for equipment modelling; actively cooperated with team members and timely gave feedback.
Program Outcomes: Systematically improved my understanding and application ability of subject knowledge, as well as professional scientific research methods and capabilities; Comprehensively cultivated systematic thinking ability, interdisciplinary research ability, teamwork ability, creative innovation ability, and knowledge transformation ability.

Professional Experiences

10/2024-12/2024 Ergonomics Intern | Shanghai NIO Automobile Co., Ltd

- Work with project design teams and expert Engineers to craft, develop, and support engineering project development, plans and standards, and equipment selection and so on
- Combine with VB and other software for the development of catia's gadgets
- Responsible for the construction of BI ergonomic database and the development of automation tools
- Support the team in conducting research and preparing reports and studies on relevant engineering topics
- Contribute to the preparation of various documents, including reports, project proposals, and technical specifications

07/2024-09/2024 FAS Industrial Design Intern | Forvia China, Shanghai Office

- Responsible for the translation and supervision of CAD data, and design guidance with internal and external CAD
- Develop and design for automotive research and mass production projects, including exterior, interior, interface, etc.
- Collect, analyze, and forecast long-term trends and customer/market needs regarding the future of products
- Work with technical engineers to identify and implement problems into design models, including ergonomics, etc.
- Collaborate with product, research, marketing, and other functions to identify users and business need

Academic Experiences

09/2022-12/2022 University of Cambridge introduces course " Machine Learning and Neutral Networks”

- Responsible for the explanation of the principles of the CLIP algorithm and its advantages
- Actively participated in the discussion of the topic and conducted research presentations in English

Achievement: 95/100 and received high praise and a letter of recommendation.

09/2024-10/2024 Bionic Robots Research Assistant, Sun Yat-sen University

- Participated in the hardware design of bionic robots, including sensor technology and hardware control
- Assisted in the software programming of bionic robots, including neural network models, machine learning algorithms, collaborative control, etc.
- Engaged in cross-modal scene analysis research, comprehensively using multi-sensor information and knowledge, profoundly understanding and analyzing scene semantics, and supporting critical artificial intelligence applications.

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Awards and Honours

09/2022-06/2023 Awarded Outstanding Third-class Scholarship By ECUST
09/2023-06/2024 Awarded Outstanding Third-class Scholarship By ECUST

Software Patent

08/2024: Optoelectronic Device Test System V1.0 Registration Number: 2024SR1170119

Other Skills and Standard Test

IELTS (7.0): L 8.0, R 7.0, W7.0, S6.0 18/12/2023
GRE 325: Verbal Reasoning 155(65%)|Quantitative Reasoning 170(94%) | Analytical Writing: 3.0(15%) 15/10/2023
Computer skills: proficient in the use of UG, Auto CAD, Solidworks, Microsoft PowerPoint, Excel Adobe, etc.