Zhong Zixuan

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Lahti, Finland
2003-06 | Male | Chinese
Intended Vocation: Machine Learning Engineer

EDUCATION

Hebei University of Technology - **Lappeenranta University of Technology** 211
Sep 2021 - Jun 2025
Lahti, Finland

Software and Systems Engineering, Bachelor

GPA: 4.91/5.00

Ranked 4/54 in academy

Academic honor: HEBUT second scholarship (2022), HEBUT merit student (2022-2023), LUT second scholarship (2023)

Personal awards: Finalist in Internet+ competition (2022), Challenge award in Junction 2023, Helsinki (2023)

Comprehensive curriculum: Machine Learning, Data Structures and Algorithm, Database, Distributed Systems, Programming (Python, Java, C, HTML, R, Dart), Data analytics, Big Data, Cyber Security, Web Programming, Operation Systems

PROFESSIONAL EXPERIENCE

Amazon.com, Inc.
Sep 2023 - Nov 2023

Intern, Machine learning engineer
Online

- Set-up and provide logical & format of reports used by the Business Development teams to manage their business
- Deep dive data to find out reasons of special value. Owner of the data accuracy, provide deep dive analysis to guide business decision making

Chengdu Yingming Electronic Technology Co. Ltd
Jun 2023 - Aug 2023

Summer Intern, software engineer
Chengdu, China

- The company focused on industrial automation control system design, having an outstanding performance in the industry
- In-depth participation in the development of the image recognition software for the computer automatic manufacturing system for instruments and meters
- Participated in the development of Automated optical inspection, including image preprocessing and classification

Machine Learning and Intelligent Manufacturing team of HEBUT
Oct 2023 - Present

Intern, researcher
Online

- In-depth participation in the development of industrial defect detection software based on knowledge of machine learning and computer vision

PROJECT EXPERIENCE

Research program of Duke University
May 2023 - Aug 2023

- Independently produced a pedestrian detection and gender recognition model based on CNN and YOLOv8 and transfer learning

Research program of Georgia Institute of Technology
Oct 2023 - Present

- Used reinforcement learning and machine learning libraries and ROS system to build self-navigate virtual robots, independently building a simulating auto-parking system based on reinforcement learning algorithm

Development of CanApp, an empty bottle collection and selling assistance software
Oct 2022 - Feb 2023

- In-depth participation in the full stack development, led phases including UI designing, back-end and database development

Development of Booosted, a customer service chatbot system

- System architecture and subsequent updates and bug fixes

MISCELLANEOUS

- **Skills:** Data analysis, complex systems building, algorithm designing, programming using Python, Java, R, C., Python libraries of machine learning and data analysis, fluent communication with English, good literature reading ability and learning ability.
- **Languages:** English: IELTS 7.5, CET-4 605
- **Activities:** I have been responsible for the writing more than 20 news report and other articles, planning of school propaganda modules and activity reports for 6 times, designing of publicity and reporting module on school official websites.