



福州大学
FUZHOU UNIVERSITY



Maynooth
University
National University
of Ireland Maynooth

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EVgo, Systems Engineering
11390 W Olympic Blvd
Los Angeles, CA 90064

Dear Human Resources Manager,

I want to express my enthusiastic interest in the System Engineering Intern position that I found on Indeed. As a third-year undergraduate majoring in automation at Fuzhou University and Maynooth University (China-Ireland Cooperative Program), I maintain a **3.82 CGPA** and rank in **Top 10%** of my major, which lays a solid technical foundation to get a taste of real systems engineering at EVgo.

EVgo has built a strong reputation in the electric vehicle supply market by delivering world-class automated engineering technology. This resonates with me as a creative professional who is passionate about creating and implementing technology solutions that contribute to society's well-being. Therefore, I am confident that I can bring value for your organization based on my career achievements:

- As the team leader of FZU student academic project, I collaborated with engineering and economics students to develop an industrial automatic inspection system and accompanying business solutions to improve factory safety. Our works won the FZU Best Student Project of the year 2022 and the Third Prize in China National College Student Computer Design Competition.
- As a research assistant at Key Laboratory of Industrial Automation Control Technology and Information Processing (Fujian), I establish a Real-time Monitoring System for industrial detection and testing. Additionally, under the guidance of Prof. Zhezhuang Xu, I co-authored a research paper entitled *RMS Testbed for IoT Cybersecurity Using Machine Learning Based Approach*.
- As an embedded development intern at China Huading Intelligent Manufacturing Technology Co. LTD, I designed a Cloud database to store the data collected by various sensors in industrial scenarios. and implemented a WebSocket for low-latency real time exchange of posts and thread updates. My performance evaluation was rated as A for two consecutive quarters.

In summary, I am eager to learn more about the Systems Engineering Intern position at EVgo. I would also appreciate the opportunity to discuss how my background in embedded systems and engineering automation can contribute to EVgo's success. Please feel free to contact me at your earliest convenience for additional information. Thank you for your time and consideration.

Sincerely yours,

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