Yizhong Shao

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SUMMARY OF QUALIFICATIONS

- Motivated, innovative, and communicative individual with a strong passion.
- Proficiently Skills on Python , HTML, C, R, SQL, Tableau, Excel (VLOOKUP. Index/xmatch, XLOOPUP, filter)
- Experience with Linux, MATLAB
- Willing to learn anything before coop even using most of my free time to work better for company. The only thing I'll do is to learn things and bring company what it needs!

EDUCATION

Hon. B. Math. 2A (3rd term)   **University of Waterloo**
- Honors: Entrance Scholarship (2,000 CAD), 1A Terms with Distinction
- Enrolled all the Math Advanced courses, which are the toughest math courses in Canada

WORK EXPERIENCE

Ningbo EPIC Electrics   **Feb - July 2022**
Software Engineer   *Ningbo, China*
- Directly engaged in the development of the new electric active suspension system for motorcycle. Helped to develop the UI interface and motor control (this suspension is our first product, using motors to control the dampers)
- Displayed strong self-learning abilities from learning basic PCB stack design and electronic knowledge.
- Developed a new process for testing the PCB and welding, saving the processing time and expense a lot.
- Researched the market and guiding the product development and marketing strategy.

University of Nottingham, Ningbo China   **Feb 2021- May 2022**
Research Assistant   *Ningbo, China*
- Designed myRIO program to collect laser measurements sensors data and putting into analysis
- Used myRIO to develop a program to simulate the vibration from car driving on the road (by Electric Cylinder)
- Data analysis to suspension absorber, using MySQL to clean data, based on the research need, re-create the csv file and using Tableau to visualize data.

EXTRACURRICULAR EXPERIENCE

YEAH   **Aug 2022- Jan 2023**
Product Manager
- Joined a project of WEB 3.0 online education platform, specifically in the areas of decentralized finance (Defi) and NFT development
- Resulting in a successful launch and adoption of the projects by investors.
- Used WIX to create a website   *https://www.yeahworld.info*
- Responsible for asset management

University of Nottingham, Ningbo China   **Nov 2020- June 2022**
Team Chief Consultant of FSEC
- Lead a team of 12 from zero to winning the third prize in Formula Student Electric China (a formula race with own-built car, leading the power unit (battery and motor) development.
- Gained strong in-depth CAD skills, 3D print skills, welding and cutting skills
- Displayed management initiatives from hosting group discussions and regular meetings to agree on the team structure, task delegation, operation model

Project

Racing car mod in BEAMNG
- Creating a game model by Solidworks and Blender, works perfectly in Simulators.
  https://www.bilibili.com/video/BV1tm4y1D7R2/?spm_id_from=333.999.0.0

Certification

- Training Certificate of Trainee Vehicle Tester Officer, China Society of Automotive Engineers
- Third Prize of Formula Student Electric China 2021
- Google Professional Data Analyst Certification
- Supervised Machine Learning: Regression and Classification
- Coding learning certificates