

Biang Li

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SKILLS & Knowledge

Professional Skills:

- Can model using CATIA and Blender.
- Can draw engineering drawings using AutoCAD and by hand.
- Can use analytics software like ANSYS and ADAMS.
- Able to use 3D rendering software such as Blender and Keyshot.
- Able to operate a 3D printer.
- Able to program in Python, C, Matlab and Octave.
- Able to use Microsoft Office softwares: Word, Powerpoint and Excel.
- Has experience in setting up servers.
- Experience in building own IoT devices.
- Has experience in designing gearboxes for vehicles.
- Has experience in designing vehicle suspension systems.
- Able to perform basic machining of metals(Wire erosion, turning, milling, planing, grinding, drilling...)
- Have a UK driving licence.
- Expertise in photo and video shooting and post-production.
- Experience of planning and organising the filming of promotional videos.

Language Proficiency:

- IELTS 6 points
- College English Test Band 4
- Chinese(Native Speaker)

ACHIEVEMENT

Educational background:

- Masters with merit(Advanced Mechanical Engineering)
- Bachelor's degree(Vehicle Engineering)

Student activities:

- National Third Prize of Formula Student Chinese(FSC)

Skills certificates :

- University English Level 4(with certificate)
- UK drivers licence
- Microsoft Office university level 2

EDUCATION

09/2017-04/2021 Jiangsu University of Technology Vehicle Engineering(Bachelor) Jiangsu, China

Key modules: new energy vehicle, renewable energy, electrical engineering, automotive theory, automotive design, mechanics of material, fluid mechanics, automobile electric parts and electronic control technology, internet of vehicles technology, automobile sensors and testing technology, fundamentals of mechanical design, Programming C.

Grades: GPA 2.34

10/2022-09/2023 Durham University Mechanical Engineering(master) Durham, UK

Key modules: turbomachinery and propulsion, renewable energy technologies, fluid mechanics, internet of everything, future vehicles, non-linear solid mechanics.

Grades: Merit

ACTIVITIES & EXPERIENCE

Activities:

10/2017-11/2019 Jiangsu University of Technology Member&Team Leader Jiangsu, China

- Became a member of Longcheng Racing Team, a racing team involved in the Formula Student Chinese(FSC)
- Designed the suspension for racing car. To calculate suspension parameters for the car and optimise conclusions.
- Drew engineering drawings and print them with 3D printer for verification before sent them to factory to complete the machining of the own designed parts.
- Participated in motor racing with the team in 2017. Defended the design at the race and provided maintenance and repairs to the cars between races. It ended up winning third place at the national level.
- Recruited new talent to the team and trained them.
- Completed the planning, filming and production of a fleet promotional video.

10/2017-04/2021 Jiangsu University of Technology Minister of student union Jiangsu, China

- Became a member of student union publicity department and one year later, became the minister of it.
- Participated in filming assignments and writing press releases for school events.
- Recruited new members and trained them.

Working Experience:

07/2020-09/2022 Qingyan(Shanghai) Culture & Media Ltd Co-founder Shanghai, China

- Complete involvement in the entire commercial project: from the start of talks with the client to the completion of the project, from the start of production to the financial accounting upon completion.
- Worked on the planning of promotional video. Involved in the whole process of the promotional video. From the solicitation of investment to the planning of the shoot, to the planning of the set, the arrangement of the participants and the post-production. Successfully completed the film.
- Has the ability to adapt and provide alternatives to the crew in the event of forgotten or missing equipment on set and to complete the shoot.
- Directly involved in some filming as well as editing tasks.
- During his two years of work, over 10 corporate and government promotional films were made by our team. Also contracted for some photo shoots, panoramic photo content.

HOBBIES & INTERESTS

Travelling, cycling, photography, war-game, video game, programming, football, badminton, car race, handcrafted modelling

REFERENCE

Dr Majid Associate Professor

associate professor in the Department of Engineering at Durham University, UK

Email: majid.bastankhah@durham.ac.uk

Jeffrey Davidson

teachers of International Students Center(ISC) of Durham University

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