Chaoran Zhao

0405408545 📞
zhaocr991115@gmail.com ✉
https://www.linkedin.com/in/chaoran
-zhao-441723245/ in
https://chaoranzcr.com/ 🌐

CAREER PROFILE

- Final year Master of Information Technology student with a High Distinction average
- Very self-motivated, a strong desire to learn, and have developed a good time management skill
- Completed frontend projects using JS or/and its frameworks and can finish full-stack project via MERN.
- Developed team-working skills and problem-solving abilities in multiple engineering teams
- Applied effective communication skills and developed leadership at badminton club

EDUCATION

Master of Information Technology | University of New South Wales   Sep 2021 – Jun 2023
- Achieved 86/100 WAM(GPA)
- Graduated with Excellence
- Received Australia's Global University Award PUCA1026

Bachelor of Engineering (Aerospace Engineering) | University of New South Wales   Aug 2017 – Aug 2021
- Achieved 84/100 WAM(GPA)
- Graduated with Honors Class 1
- Included in UNSW Engineering Dean's Honours List in 2019 and 2020 for strong academic performance

INTERNSHIP EXPERIENCE

CATIA Engineering Intern | Fawer Automotive Parts Limited Company   Dec 2020 – Feb 2021
- Applied CATIA skills to complete different modelling tasks

Aerospace Engineer Intern | China Southern Airlines   Dec 2019 – Feb 2020
- Participated in an end-of-lease return aircraft inspection project and join the Physical Inspection team
- Observed the process for inspecting PMA items that do not meet FAA standards

RELEVANT PROJECTS

Portfolio Website | https://chaoranzcr.com/
- Frontend project used React and Material UI
- Fully responsive design

TodoApp Website |
- Full-stack project used MongoDB, Express, React, Node, to make up the stack
- Implemented complicated functions about state changes across components via Redux
- Initially designed via Figma
- Implemented express + multer to achieve file upload, used jwt to solve cross-domain authentication, bcrypt to encrypt passwords

Bill Split Mobile App |
- Built with React Native

Dangerous Environment Load Transport Apparatus Design

- Created an autonomous vehicle and complete a run in all difficult terrain and finish multiple transport mission
- Conducted a functional analysis and formulated various design options to maximise performance
- Analysed the cost and manufactured a justified apparatus and qualified the testing
- Wrote report and presented finding to academic colleagues

ADDITIONAL EXPERIENCE

Tutor (Maths) | Private
- Assessed students needs and designed tailored lesson plans addressing key areas of concern
- Increased understanding through transforming challenging concepts into simplified examples
- Enhanced learning by regular testing and proving feedback

EXTRACURRICULAR ACTIVITIES

Coordinator | Badminton Club, Sydney   Jun 2018 – current
- Organised weekly badminton events, badminton court hire, and managed events fees
- Connected other badminton associations with match holding
- Consulted with new members to ensure engaged in the events

Advisory Volunteer [UNSW Open Day] | University of New South Wales   Sept 2018 – Oct 2018
- Explained the various areas within mechanical aspect knowledge to guests
- Introduced facilities of School of Mechanical Engineering and answered questions

TECHNICAL SKILLS

- Proficient with Microsoft Office Suite
- Proficient with JavaScript, CSS, HTML, Python; Intermediate level in TypeScript, C++, C
- Proficient with frontend tools: JQuery, Figma, MySql, Git, MongoDB, ESlint
- Proficient with framework: React,   Redux, NodeJS, TailwindCSS, MaterialUI
- Intermediate level in bigdata management framework: Spark,   Hadoop
- Fluent in English – IELTS Test score 7.5
- Proficient with CAD tools: Solidworks, CATIA v5

REFEREES

Referees' name and contact details available upon request.