

Shaobin ZHAO

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SKILLS SUMMARY

- **Major Area:** Mechanics (solid & fluid) and Structures; Geotechnical Engineering; Water Engineering; Remote Sensing; Information Technology; Architecture; Design
Software: Microsoft Office (Word, Excel, PowerPoint), Matlab, AutoCAD(2D), ArcGIS, SolidWorks, OrCAD, Multisim, Photoshop, Indesign, Rhinoceros, SketchUp, Vray
- **Programming:** Data Processing and Analysis; Java, C, Python and Visual Basic; Algorithms
Web Development: database management (SQL, MongoDB); JavaScript
- Good learning and academic appearance: Average mark of Bachelor (UniMelb) – H1
- Language: English (work proficiency with evidence IELTS overall mark- 7), Chinese Mandarin (native speaker)
- Unique views and creative thoughts on experiments, Excellent hands-on skills

EDUCATION

The University of New South Wales, Australia Jul 2018 - Current
Bachelor of Civil Engineering with Architecture (Honours)

The University of Melbourne, Australia Feb 2016 - Jun 2018
Bachelor of Environments- Engineering Systems (Civil/Structural/ Environmental);
Diploma in Informatics

The University of Illinois at Urbana-Champaign, USA Aug 2017 – Dec 2017
Non-degree exchange

Harbin Institute of Technology, China Aug 2013 - Dec 2015
Bachelor of Engineering- Flight Vehicle Design and Engineering (incomplete)

EXPERIENCE

PROFESSIONAL

Mentor Feb 2017 - Jun 2018
Melbourne School of Design (MSD), the University of Melbourne, Australia
Peer Mentor Programme

- Lead a group of students newly-enrolling in MSD to settle down college life
- Provide individual guidance and advice in terms of university studies and campus life to every mentee
- Trace the development of mentees throughout the year

GENERAL

Director of 201 Forum Information Planning Jun 2014 - Jun 2015
Department
School League Committee of Harbin Institute of Technology, Harbin Institute of Technology, China
201 Forum Information Planning Department

Organize public lectures given by famous scientists (like Shi Yigong, academician of US National Academy of Sciences, American Academy of Arts and Sciences and Chinese Academy of Sciences), company leaders (like Wang Haifeng, vice director of Baidu) and etc.

- Write planning books and lecture process
- Invite guests and conduct on-site lectures
- Demonstrate general planning and on-site skills for new members

EXTRA CURRICULAR ACTIVITIES

Volunteer

Civil Engineering Faculty, UNSW Open Day

Sep 2018

Look after a section of the display, assist with directing people for lectures and talk to visitors.

Rotary Club of Carlton

Jun 2017 - Jun 2018

Book Fair is an annual event and in 2017, it raised in excess of \$11,000 and donated to Australian Rotary Health specifically for Youth Mental Health.

<http://carltonrotary.org.au/>

- Rotary Club of Carlton Book Fair preparation work

Harbin Hope Rehabilitation Centre for Deaf

Jul 2015 - Jul 2015

Children & Harbin Northern Forest Zoo

Showed the children around the zoo and took a picnic with them

Member

Model Flight Vehicles Association of the College

Aug 2013 - Sep 2014

Interests Clubs

- Participated in making model aeroplanes, made a rocket model of American Space-X Company with paper

ACHIEVEMENTS

- Bachelor of Environments & Diploma in Informatics, The University of Melbourne
- Melbourne Global Scholars Award, AUD2500, The University of Melbourne
- National Computer Aided Technology Certification, Application Engineer Certificate (Two-dimension CAD Engineer)
- Excellent Member of 201 Forum Information Planning Department, School League Committee, Harbin Institute of Technology

REFEREES

Dr Ming Wu

Faculty of Architecture, Building and Planning, the University of Melbourne
mingw@unimelb.edu.au

Dr John R. McLean

Past President, Rotary Club of Carlton
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