

# Shaobin ZHAO

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## CAREER PROFILE

- Penultimate year, Bachelor of Civil Engineering (Honours) with Architecture student at UNSW Sydney
- Strong learning ability and good academic appearance: Melbourne Global Scholars Award, UniMelb
- Effective communication and operation applied through university programs and many volunteer activities
- Facilitated community events and performed high quality logistic operations, raising \$11,000 in 2017
- Major Area and Software used in assignment projects:
  - **Civil Engineering:** Mechanics (solid & fluid) and Structures (*Matlab*); Geotechnical Engineering; Water Engineering; Remote Sensing (*ArcGIS*); Reporting and Presentation (*Microsoft Office*)
  - **Information Technology:** Data Processing and Analysis; Algorithms; Programming (*Java, C, Python*); Web Development (Database: *SQL, MongoDB; JavaScript*)
  - **Architecture and Design** (*Photoshop, Indesign, Rhinoceros, SketchUp, Lumion, AutoCAD*)

## EDUCATION

**Bachelor of Civil Engineering (Honours) with Architecture** Jul 2018 – Expected Aug 2020  
- University of New South Wales (UNSW Sydney), Australia

**Bachelor of Environments (Civil Systems)** Feb 2016 - Jun 2018  
**Diploma in Informatics**

- The University of Melbourne (UniMelb), Australia

- Melbourne Global Scholars Award, AUD 2500, The University of Melbourne, 2017
- Weighted Average Mark of Bachelor – First Class Honour (H1)

**Non-degree Exchange (Civil Engineering; Computer Science)** Aug 2017 – Jan 2018  
- The University of Illinois at Urbana-Champaign (UIUC), USA

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

## EXPERIENCES

### PROFESSIONAL

**Faculty Student Peer Mentor** Feb 2017 - Jun 2018

- Department of Architecture, Building and Planning (ABP), UniMelb, Australia

- Led groups of new Bachelor of Design students (maximum 10 per term) to settle down their college life
- Provided individual guidance relating to university studies and campus life to every mentee
- Tracked mentees' development throughout the year and provided timely help
- Two mentees were awarded on Dean's Honour List (top 3%) after their first year

### GENERAL

**Director of 201 Forum Information Planning Department** Jun 2014 - Jun 2015

- School League Committee of Harbin Institute of Technology, China

- Excellent Member (2013-2014) of 201 Forum Information Planning Department, School League Committee, HIT
- Organized public lectures (>25 per year) 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 from world's top 500 business (like WANG Haifeng, vice director of Baidu) etc.
- Created and sent invitation letters to speaking guests and in charge of all communications with them

- Drafted planning documents and cooperated with other departments for smooth delivery of each public lecture
- Monitored general on-site operations during lectures (several lectures with more than 700 audiences)
- Demonstrated general planning and operation skills and provided essential trainings to new members

## EXTRA-CURRICULAR ACTIVITIES

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### VOLUNTEER

#### **Civil and Environmental Engineering Faculty, UNSW Open Day, Australia**

Sep 2018

- Looked after a section of faulty displays and answered questions from potential students and their parents
- Assisted with directing people for faculty lectures and talked to visitors
- Contributed to other logistic operations such as display installations and site clearance

#### **Rotary Club of Carlton, Melbourne, Australia**

Jun 2017 - Jun 2018

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

- Assisted with Annual Book Fair in Kathleen Syme Library and Community Centre, which raised in excess of \$11,000 and donated to Australian Rotary Health specifically for Youth Mental Health in 2017
- Contributed intensively to logistic operations such as transferring books from warehouse to community library, table installations for displaying books and categorizing books for guests' quicker search

#### **Harbin Hope Rehabilitation Centre for Deaf Children & Harbin Northern Forest Zoo, China**

Jul 2015

- Escorted individual child during transportations between the rehabilitation centre and the zoo
- Supported children with disabilities for a happy and meaningful summer trip in the zoo
- Had a picnic with children and responded quickly for emergencies such as falling and chasing around

### MEMBER

#### **Model Flight Vehicles Association of the Aeronautics School, HIT**

Aug 2013 - Sep 2014

- Participated in making models of flight vehicles and digital model making trainings (*SolidWorks*)
- Involved in a team to make a paper rocket model of American Space-X Company

## ACHIEVEMENTS & QUALIFICATIONS

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- Bachelor of Environments & Diploma in Informatics, The University of Melbourne, 2018
- National Computer Aided Technology Certification, Application Engineer Certificate (Two-dimension CAD Engineer), China, 2014

### REFEREES

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Dr Ming Wu

Academic Staff, Faculty of Architecture, Building and Planning (ABP), the University of Melbourne

Dr John R. McLean

Past President, Rotary Club of Carlton

Contact details upon request.