Suikei Wong

Birth:	13 February, 1998
Phone:	(61)491113062
Email:	Suikei.Wong@anu.edu.au

EDUCATION

Master of Machine Learning and Computer Vision   **February, 2019 — Present**

College of Engineering and Computer Science
The Australian National University

BEng. Digital Media Technology   **September, 2015 — June, 2018**

College of Information Technology
Beijing Normal University, Zhuhai

- Finished 4 years college study in 3 years
- GPA ranked top 5% in college
- Excellent Graduate & Outstanding Undergraduate Thesis Award

PROJECTS & RESEARCH EXPERIENCE

2019   **SET4ANU — Mentors and Mentees Automatic Matching Program**

Student Experience and Career Development, Division of Student Life, ANU

- Designed and managed database in *SQLite*, worked as database admin
- Constructed the basic algorithm of matching system
- Selected the data of mentors and mentees from the database for display
- Generated matching result file in *csv* for further processing by staff

2018   **Analysis of Computer Vision Technology in Autonomous Vehicles**

Summer School in Peking University, Beijing, China

- Learned the basic structure of autonomous vehicles
- Mastered the core algorithms for sensing, decision making, optimisation and some other techniques in autonomous vehicles
- Designed a demo of autonomous vehicles on Baidu 'Apollo' platform

2018   **'Tea Club' — An Online Antique Trading Community Based on WeChat**

supervisor: Professor Bo Lang, School of Information and Technology, BNUZ

- Designed and managed database in *MySQL*, worked as database admin
- Constructed a *RESTful* API framework to separate the back-end and fore-end
- Built the interface for the back-end service by using *ThinkPHP* framework
- Developed the broadcast and chat module by *WebSocket*
- Used *redis* cache to develop and control concurrency in auction module

2017   **'Find in BNUZ' — An Online Campus Lost-and-Found Platform**

supervisor: Yueying Xu, School of Information and Technology, BNUZ

- Analysed user demand and marketing situation
- Designed database structure in *MongoDB*

2017   **Using Machine Learning Method to Analyse Central Air Conditioning Control Strategy**
supervisor: Professor Weifang Liu, School of Applied Mathematics, BNUZ
- Used *sklearn* library to complete the feature extraction of variables
- Constructed an optimisation model for the results based on *SciPy* library

2016   **Economic & Trade Cooperation and Human Resources Portal Between China And Portuguese-Speaking Countries**
supervisor: Professor Bo Lang, School of Information and Technology, BNUZ
- Worked as project manager, database administrator and back-end developer.
- Controlled the project schedule by using *JIRA*.
- Communicated with the Macau government department to determine needs.
- Analysed the project demands and technical application.
- Designed and reconstruct the back-end database in multi-languages.
- Developed the back-end system by using *ThinkPHP* framework.

2015   **'StCloud' — A management system of community based on WeChat**
supervisor: Professor Bo Lang, School of Information and Technology, BNUZ
- Learned to use *ThinkPHP* framework for backend development
- Used MVC web framework to design the structure of the website
- Used *WebSocket* to build chat module

SKILLS

Languages	Mandarin, Cantonese, English
Programming Languages	Python, Java, Matlab, Php, SQL
Design	User Interface Design, User Experience Design, Web/Mobile App Design

AWARDS & SCHOLARSHIPS & COPYRIGHT

2018	Excellent Graduates of BNUZ
2018	Outstanding Undergraduate Thesis of BNUZ Award
2017	'Tea Club' Software Copyright
2017	'Reading Ocean' Software Copyright
2017	Students of the Year in BNUZ
2017	Second-Prize in Academic Scholarship
2017	Third Prize in National Data Mining Competition
2016	'StCloud' Software Copyright
2016	Third-Prize in Academic Scholarship