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## EDUCATION

- Sep,2021-Present     **University of California San Diego**  
MSc Machine learning & Data Science
- Sep. 2019- Jun.2021     **Cardiff University**  
*2+2 Joint Programme, Bachelor of Computer Science*  
*GPA: First Honour Degree, GPA:4.0/4.0*  
*Core Modules: Database System, Data Analysis and Visualisation, Object Orientation, Algorithms and Data Structure, Informatics, Distributed and Enterprise Architectures, Artificial Intelligence*
- Sep. 2017- Jun. 2019     **South China Agricultural University**  
*Bachelor of Computer Science*  
*Top 5*

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## ACADEMIC PROJECT

- April.2021- Oct.2022     **Cardiff University Research Internship**
- Researched and analysed different machine learning visual saliency models' performance across different categories of images / videos
  - Developed a web-based rating system to collect the experiment data.
  - Built a more accurate visual saliency dataset for visual saliency models development.
- Oct. 2018- June.2021     **Development and Promotion of Liz Visitor Platform Based on SaaS Mode**  
**Project Leader**
- Coordinated the team to develop the cloud-based visitor management system
  - Analysed and explored the current status of the industry, innovated the SaaS model to promote the visitor management system
  - Led the team win several awards in the innovation and entrepreneurship competition
  - The project has three national patents (including a population density detection method and system based on deep learning, a method for human behaviour recognition based on self-feedback gene expression programming and a key sequence generation method based on self-feedback evolutionary sequence) and four software copyrights (including particle intelligence reception desk reservation & registration management software, Kinect identification software V1.0, smart rent and loan system supporting fingerprint identification V1.0 and a searchable encrypted database system supporting threshold password schemes)
  - The team has successfully developed the Liz visitor platform based on the SaaS model with the existing technology
  - A company has been registered, and the system has been put into commercial use

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## ON-CAMPUS ACTIVITIES

- Oct. 2017- Apr. 2019     **Student Association Union, South China Agricultural University**  
**Minister, Secretary Department**
- Took the lead in starting the rotation duty system, performance evaluation system
  - Organised multiple large-scale public service activities with over thousands of participants
- Oct. 2017- Apr. 2019     **Alumni Association, South China Agricultural University**  
**Minister, Public Relations Department**
- Solicited and discussed sponsorship with partners on behalf of the college and graduate alumni
  - Organised the "IT Farm" Programming Competition of South China Agricultural University, which provided a platform for independent programmers to show their skills and share experiences

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## INTERNSHIP EXPERIENCES

- Jun. 2020- Aug. 2020     **Tencent Holdings Ltd**  
**Intern, AI (NLP) Department**
- Performed NLP with the knowledge of AI and machine learning
  - Participated in part-of-speech tagging, semantic analysis, syntactic analysis and sentiment analysis of user data
  - Engaged in the establishment of NLP intelligent Q&A application model based on convolutional neural network
  - Assisted in incubating the next generation of NLP technology and business application scenarios
- May 2020- Jun. 2020     **Guangzhou BaoLi Technology Co., Ltd**  
**Intern, Data Analytics Department**

- Responsible for data collection and analysis for user-specified data requirements
- Assisted in the improvement and testing of website monitoring cloud analysis platform and web crawler intelligent monitoring system based on big data

Apr. 2019- Jul. 2019 **Guangdong L.Z. Internet Technology Co., Ltd Intern, Technology Department**

- Assisted in developing Liz visitor system
- Engaged in product positioning with the knowledge of data analysis and business analysis
- Helped to make plans on development scale and direction, and summarise the core competitiveness of the product market
- Involved in publicising in the roadshow, including PPT presentation to investors and partners, contributing to cooperation with several enterprises

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#### **AWARDS**

Aug. 2020	Silver Award for 6 <sup>th</sup> China College Students' 'Internet Plus' Innovation and Entrepreneurship Competition in Guangdong Province Division
Jul. 2020	Second Prize (Entrepreneur Group) for "Youth Entrepreneurship Cup" 7 <sup>th</sup> Guangzhou Youth Innovation and Entrepreneurship Competition in Huangpu Division
Jul. 2020	Budding Award for Science and Technology Innovation of the College of Mathematics and Informatics & College of Software Engineering, South China Agricultural University
2020	Silver Award for 12 <sup>th</sup> "Challenge Cup" College Students' Innovation and Entrepreneurship Competition in Guangdong Province
Dec. 2019	Silver Award for "Dingying Cup" College Students' Innovation and Entrepreneurship Competition in South China Agricultural University
Sep. 2019	Winning Prize (Creative Group) for 5 <sup>th</sup> China College Students' 'Internet Plus' Innovation and Entrepreneurship Competition in Guangdong Province Division
Jul. 2019	Excellence Award (Entrepreneur Group) for "Entrepreneur in Guangdong" Digital Economy Medium and Small-sized Enterprises Innovation and Entrepreneurship Competition
May 2019	Gold Prize for 2019 "Entrepreneurship Cup" College Students' Innovation and Entrepreneurship Competition
Apr. 2019	National Project Approval for Development and Promotion of Lizi Visitor Platform Based on SaaS Mode
2019	Third-class Scholarship of South China Agricultural University
2019	Top 10 in Guangdong province and Most Popular Award for 2019 Microsoft "Imagine Cup" Global Students' Science and Technology Competition

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#### **ADDITIONAL SKILLS**

##### **LANGUAGES**

English: Fluent, IELTS: 6.5, CET-6  
Chinese: Native

##### **COMPUTER SKILLS**

Microsoft Office (Word, PowerPoint, Excel)  
Java, C++, Python  
Basic knowledge in machine learning, deep learning, NLP, CNN