Luyuan **He**

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Education

Master of Information Technology   *Sydney, NSW*
UNIVERSITY OF NEW SOUTH WALES   *Mar. 2019 - Jan. 2021*
- Average WAM: 75+ (Distinction)

Bachelor of Computer Science   *Starkville, MS, USA*
MISSISSIPPI STATE UNIVERSITY   *Jul. 2009 - Dec. 2013*
- Awarded a 40% tuition equivalent grant for excellence

Work Experience

Senior QA Engineer   *Kunshan, China*
SHANGHAI RISING DIGITAL CO., LTD   *May. 2018 - Jan. 2019*
- Led a four people team in charge of assuring the quality of the company's mobile app
- Wrote and executed automated tests using Appium library which saved 10 minutes per test case on average versus manual testing
- Managed and debugged operation systems running on the company's excavators

System Engineer   *Shanghai, China*
LENOVO MOBILE COMMUNICATION TECHNOLOGY LTD   *Apr. 2016 - May. 2018*
- Created an automated testing platform for performance testing on Android phones which covered all steps from downloading a new OS to generate an online report, saved more than 90% testing time and work, using Python and AndroidViewClient library
- Implemented Android Vendor Test Suite on Android phones
- Solved anomalous performance issues of Android phones

System Database Manager   *Shanghai, China*
GUJIA NETWORK SCIENCE AND TECHNOLOGY CO.,LTD   *July. 2015 - Apr. 2016*
- Implemented web crawlers to search and parse valuable data into company's database written by Groovy and Python. It increased the amount of data added into the database daily by 50 times compared with manual entry
- Worked pro-actively to gauge the performance of the database and wrote scripts to achieve the optimal results
- Designed and managed the company's MongoDB database

Android Developer   *Shanghai, China*
BINPIT INFORMATION TECHNOLOGY LTD   *Aug. 2014 - Jun. 2015*
- Developed an Android application that uses user's photos to create stickers which then can be used on instant message applications using Java
- Maintained and updated the company's website

Projects

Pokedex   A simple Pokedex with GUI using Python and Qt
FilmFinder   An online movie database and community developed using Python, Django and SQLite
Bear2Blog   Automatic translate notes taken in BearApp to blog posts on static sites generated by Jekyll

Extracurricular Activities

CyberCX Hackathon   *Sydney, NSW*
PARTICIPATOR   *Nov. 2020*
- A hacking capture the flag competition focused on web security
- Participated in the event and finished in 24th position of Shadow Bank challenge

DownUnder Capture the Flag Competition   *Sydney, NSW*
PARTICIPATOR   *Sep. 2020*
- A jeopardy style CTF included OSINT, crypto, forensics, pwn and web categories
- Participated in the event and solved challenges worth 730 points.

AWS Technical Essentials Day   *Sydney, NSW*
TRAINEE   *Sep. 2019*
- Completed the training on AWS essentials.