Luyuan **He**

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Education

University of New South Wales   *Sydney, NSW*
MASTER OF INFORMATION TECHNOLOGY   *Mar. 2019 - Now*
- Expected to graduate on Jan 2021
- Average WAM: 75+ (distinction)

Mississippi State University   *Starkville, MS, USA*
BACHELOR OF COMPUTER SCIENCE   *Jul. 2009 - Dec. 2013*
- Awarded a 40% tuition equivalent grant for excellence

Work Experience

Shanghai Rising Digital Co., Ltd   *Kunshan, China*
AUTOMATED TESTING DEVELOPER   *May. 2018 - Jan. 2019*
- Led a 4 people team in charge on testing the company's moble app.
- Saved more than 90% testing time and work on company's mobile app, Evision by developing an automated testing platform using Python and Appium
- Wrote and debugged operation systems running on company's excavators

Pactera Technology International Ltd   *Shanghai, China*
SYSTEM SOFTWARE ENGINEER   *Apr. 2016 - May. 2018*
- Developed 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
- Implemented Android Vendor Test Suite on Android phones
- Solved anomalous performance issues of Android phones

Gujia Network Science and Technology Co.,Ltd   *Shanghai, China*
SYSTEM DATABASE MANAGER   *July. 2015 - Apr. 2016*
- Created web crawlers to search and parse information into database using Groovy and Python
- Designed and maintained the company's database using MongoDB

Binpit Information Technology Ltd   *Shanghai, China*
ANDROID DEVELOPER   *Aug. 2014 - Jun. 2015*
- Developed an Android application that uses user's photos to create stickers which can be used on instant message applications using Java
- Debugged and updated the company's other applications
- Maintained and updated the company's website

Personal Projects

Pokedex   A simple Pokedex with GUI using Python and Qt
9tttplayer   A program plays the nine board tic-tac-toe game using Monte Carlo Tree Search
ProcelainMakers   A work in progress worker placement board game

Extracurricular Activity

CyberCX Hackathon   *Sydney, NSW*
PARTICIPATOR   *Nov. 2020*
- Participated in the event and finished in 24th position of Shadow Bank challenge.

DownUnderCTF   *Sydney, NSW*
PARTICIPATOR   *Sep. 2020*
- Participated in the event and solved challenges worth 730 points.

Skills

Programming   Python, Django, SQL, C
Languages   English, Mandarin Chinese

updated on 14/01/2021