

Luyuan He

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Education

Master of Information Technology

UNIVERSITY OF NEW SOUTH WALES

- Average WAM: 75+ (Distinction)

Sydney, NSW

Mar. 2019 - Jan. 2021

Bachelor of Computer Science

MISSISSIPPI STATE UNIVERSITY

- Awarded a 40% tuition equivalent grant for excellence

Starkville, MS, USA

Jul. 2009 - Dec. 2013

Work Experience

Test Engineering

SHANGHAI RISING DIGITAL CO., LTD

- Led a 4 people team in charge of testing the company's mobile app.
- Saved more than 90% testing time and work on the company's mobile app, Evison by developing an automated testing platform using Python and Appium
- Wrote and debugged operation systems running on the company's excavators

Kunshan, China

May. 2018 - Jan. 2019

System Software Engineer

PACTERA TECHNOLOGY INTERNATIONAL LTD

- 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

Shanghai, China

Apr. 2016 - May. 2018

System Database Manager

GUJIA NETWORK SCIENCE AND TECHNOLOGY CO.,LTD

- Created web crawlers to search and parse information into a database using Groovy and Python
- 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

Shanghai, China

July. 2015 - Apr. 2016

Android Developer

BINPIT INFORMATION TECHNOLOGY LTD

- Developed an Android application that uses user's photos to create stickers that can be used on instant message applications using Java
- Debugged and updated the company's other applications
- Maintained and updated the company's website

Shanghai, China

Aug. 2014 - Jun. 2015

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

PARTICIPATOR

- A hacking capture the flag competition focused on web security
- Participated in the event and finished in 24th position of Shadow Bank challenge

Sydney, NSW

Nov. 2020

DownUnder Capture the Flag Competition

PARTICIPATOR

- A jeopardy style CTF included OSINT, crypto, forensics, pwn and web categories
- Participated in the event and solved challenges worth 730 points.

Sydney, NSW

Sep. 2020

AWS Technical Essentials Day

TRAINEE

- Completed the training on AWS essentials.

Sydney, NSW

Sep. 2019