# Jinke He

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## Education

**University of Liverpool**                                               **Liverpool, United Kingdom**
BSc Artificial Intelligence                                                  Sep. 2016 - Jul. 2018 (expected)
Year 2 overall average: 93.6%

**Xi'an Jiaotong-Liverpool University (XJTLU)**                                        **Suzhou, China**
BSc Information and Computing Science                                                Sep. 2014 - Jul.2016
Year 0 overall average: 72.4%; Year 1 overall average: 78.1%

**Expected Degree: First Class (Honours)**

## Honors and Awards

**University of Liverpool**                                               **Liverpool, United Kingdom**

- **O'Reilly Academic Prize Scheme 2017**                                              Aug. 2017
  The O'Reilly Academic Prize for the best performance on COMP201 Software Engineering.

- **University Of Liverpool XJTLU scholarship (two years, £ 4,338 each year)**          Feb. 2017
  An international student, merited-based scholarship.

**Xi'an Jiaotong-Liverpool University**                                               **Suzhou, China**

- **Meritorious Winner (top 15%) of 2016 Interdisciplinary Contest In Modeling**        Apr. 2016

- **Second Prize Winner of The Eighth Mathematical Contest In Modeling of Xi'an Jiaotong-Liverpool University**   Dec. 2015

- **First Prize for the great performance in the social practice during the vacation of 2014-2015**   Sep. 2015

- **Certification for successfully completing the 24-hour Volunteer Work**              Sep. 2015

- **University Academic Excellence Award**                                              Aug. 2015
  The progression scholarship are awarded to XJTLU students for their outstanding academic performance in the previous academic year.

## Experience

- Android Developer at **JiangSu Youngerkingdom Electronic Technology Co., Ltd**        Jan. 2016 - Feb. 2016

- Participated in **2016 Interdisciplinary Contest In Modeling (ICM)**                  Jan. 2016

- Participated in **The Eighth Mathematical Contest In Modeling of Xi'an Jiaotong-Liverpool University**   Dec. 2015

- Served as a voluntary teacher in **Nanhua Primary School, Yunnan Province**          Jun. 2015 - Jul. 2015

- Served as a member of academic department in **XJTLU Science Innovation Association**   Apr. 2015 - Sep. 2015

- Served as a volunteer in **XJTLU Youth Volunteers Association**                       Sep. 2014 - Jun. 2015

## Projects

- **DQN_FlappyBird**                                                                    Jun. 2017
  Using Deep Q Learning algorithm to play the game Flappy Bird.

- **VitalScrapy**                                                                       Apr. 2017
  A spider that can automatically download study materials from vital website using Python and Scrapy library.

- **Arkanoid**                                                                          Mar. 2017
  A simple 3D game using JMonkeyEngine.

- **MRSYS.ONLINE**                                                                      Feb. 2017 - May. 2017
  A movie recommendation website using user-based collaborative filtering algorithm.

- **ChatRoom**                                                                          Nov. 2016
  A Client-Server Chat Room using Java socket.

## Skills

**Programming Languages**

- Java        ★★★★
- Python      ★★★★⯪
- HTML/CSS    ★★★★⯪
- C           ★★★
- JavaScript  ★★
- Prolog      ★★
- C++         ★
- Matlab      ★

**Frameworks**

- Numpy         ★★★⯪
- JMonkeyEngine ★★★★⯪
- Tensorflow    ★★★
- Keras         ★★★⯪
- Scrapy        ★★
- JQuery        ★★

**Environments & Tools**

- Anaconda  ★★★★
- Ubuntu    ★★★
- Eclipse   ★★★
- PyCharm   ★★★⯪
- Git       ★★

## Additional Information

- **Languages:** Native Mandarin Chinese, Proficient English

- **GRE Score**: 170 (Quantitative Reasoning) and 153 (Verbal Reasoning) and 3.5 (Academic Writing)

- **Hobbies**: Reading, Jogging, Programming, Music