

# Jinke He

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## Education

|   |  |
|---|--|
| <b>University of Oxford</b><br>MSc Computer Science   | <b>Oxford, United Kingdom</b><br>Oct. 2018 - Oct. 2019 (expected)    |
| <b>University of Liverpool</b><br>BSc Artificial Intelligence<br>Year 2 overall average: 93.6%  | <b>Liverpool, United Kingdom</b><br>Sep. 2016 - Jul. 2018 (expected) |
| <b>Xi'an Jiaotong-Liverpool University (XJTLU)</b><br>BSc Information and Computing Science<br>Year 0 overall average: 72.4%; Year 1 overall average: 78.1% | <b>Suzhou, China</b><br>Sep. 2014 - Jul.2016                         |
| <b>Expected Degree: First Class (Honours)</b>   |  |

## Honors and Awards

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|---|--|
| <b>University of Liverpool</b>  | <b>Liverpool, United Kingdom</b>   |
| <ul style="list-style-type: none"><li><b>O'Reilly Academic Prize Scheme 2017</b><br/>The O'Reilly Academic Prize for the best performance on COMP201 Software Engineering.</li><li><b>University Of Liverpool XJTLU scholarship (two years, £ 4,338 each year)</b><br/>An international student, merited-based scholarship.</li></ul>   | <div>Aug. 2017</div> <div>Feb. 2017</div>  |
| <b>Xi'an Jiaotong-Liverpool University</b>  | <b>Suzhou, China</b>   |
| <ul style="list-style-type: none"><li><b>Meritorious Winner (top 15%) of 2016 Interdisciplinary Contest In Modeling</b></li><li><b>Second Prize Winner of The Eighth Mathematical Contest In Modeling of Xi'an Jiaotong-Liverpool University</b></li><li><b>First Prize for the great performance in the social practice during the vacation of 2014-2015</b></li><li><b>Certification for successfully completing the 24-hour Volunteer Work</b></li><li><b>University Academic Excellence Award</b><br/>The progression scholarship are awarded to XJTLU students for their outstanding academic performance in the previous academic year.</li></ul> | <div>Apr. 2016</div> <div>Dec. 2015</div> <div>Sep. 2015</div> <div>Sep. 2015</div> <div>Aug. 2015</div> |

## Experience

|  |   |
|--|---|
| <ul style="list-style-type: none"><li>Android Developer at <b>JiangSu Youngerkingdom Electronic Technology Co., Ltd</b></li><li>Participated in <b>2016 Interdisciplinary Contest In Modeling (ICM)</b></li><li>Participated in <b>The Eighth Mathematical Contest In Modeling of Xi'an Jiaotong-Liverpool University</b></li><li>Served as a voluntary teacher in <b>Nanhua Primary School, Yunnan Province</b></li><li>Served as a member of academic department in <b>XJTLU Science Innovation Association</b></li><li>Served as a volunteer in <b>XJTLU Youth Volunteers Association</b></li></ul> | <div>Jan. 2016 - Feb. 2016</div> <div>Jan. 2016</div> <div>Dec. 2015</div> <div>Jun. 2015 - Jul. 2015</div> <div>Apr. 2015 - Sep. 2015</div> <div>Sep. 2014 - Jun. 2015</div> |
|--|---|

## Projects

|   |  |
|---|--|
| <ul style="list-style-type: none"><li><b>DQN_FlappyBird</b><br/>Using Deep Q Learning algorithm to play the game Flappy Bird.</li><li><b>VitalScrapy</b><br/>A spider that can automatically download study materials from vital website using Python and Scrapy library.</li><li><b>Arkanoïd</b><br/>A simple 3D game using JMonkeyEngine.</li><li><b>MRSYS.ONLINE</b><br/>A movie recommendation website using user-based collaborative filtering algorithm.</li><li><b>ChatRoom</b><br/>A Client-Server Chat Room using Java socket.</li></ul> | <div>Jun. 2017</div> <div>Apr. 2017</div> <div>Mar. 2017</div> <div>Feb. 2017 - May. 2017</div> <div>Nov. 2016</div> |
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## Skills

| Programming Languages   | Frameworks   | Environments & Tools   |
|---|--|--|
| <ul style="list-style-type: none"><li>Java ★★★★★</li><li>Python ★★★★★</li><li>HTML/CSS ★★★★★</li><li>C ★★★★★</li><li>JavaScript ★★</li><li>Prolog ★★</li><li>C++ ★</li><li>Matlab ★</li></ul> | <ul style="list-style-type: none"><li>Numpy ★★★★★</li><li>JMonkeyEngine ★★★★★</li><li>Tensorflow ★★★★★</li><li>Keras ★★★★★</li><li>Scrapy ★★</li><li>JQuery ★★</li></ul> | <ul style="list-style-type: none"><li>Anaconda ★★★★★</li><li>Ubuntu ★★★★★</li><li>Eclipse ★★★★★</li><li>PyCharm ★★★★★</li><li>Git ★★</li></ul> |

## 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