

# JIANLONG YAO

Binzhou City, Shandong Province, China

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## EDUCATION

<b>National Research University Higher School of Economics</b> , Moscow, Russia	Sept. 2020 - Jun. 2022
<b>MA.Eng.</b> in System and Software Engineering <a href="#">Transcript</a> GPA:8.35/10	
Advisor: Prof. <a href="#">Sergey Viktorovich Zykov</a>	
<b>Weifang University</b> , Weifang, P.R.China	Sept. 2016 - Jun. 2020
<b>B.Eng.</b> in Computer Science and Technology <a href="#">Transcript</a> GPA:3.6/4	
Advisor: Prof. <a href="#">Chunlei Chen</a>	

## RESEARCH & PROJETS

<b>Deep Learning-Based Commodity Object Detector</b>	Master's Thesis	Nov. 2021 - Mar. 2022
<ul style="list-style-type: none"><li>Based on YOLOv5 framework, identify different kinds of commodities.</li><li>Support the detection and display accuracy of six categories of commodities.</li><li>Image and video data support. <a href="#">Paper link</a></li></ul>		
<b>System Modeling and Reasoning: Traffic Light Control System</b>	Research Project	Apr. 2021 - Jun. 2021
<ul style="list-style-type: none"><li>Modeling the traffic light control system at intersections.</li><li>Verify the correctness of the system by using Promela.</li><li>The specific configuration, architecture description and verification results. <a href="#">Project link</a></li></ul>		
<b>Reinforcement Learning Basic Books</b>	Research Project	Nov. 2020 - Jan. 2021
<ul style="list-style-type: none"><li>Reinforcement Learning of basic knowledge and quick introduction.</li><li>Books of Reinforcement Learning. <a href="#">Book link</a></li><li>Related Technologies : Reinforcement Learning. <a href="#">Project link</a></li></ul>		
<b>Simple 32 Operating System Implementation</b>	Open Source Author	Nov. 2019 - Jan. 2020
<ul style="list-style-type: none"><li>It is developed from the kernel. C language and part of the Assembly language.</li><li>Functions : command line, multitasking, media display, Chinese characters, text output.</li><li>Complete the basic operating system <a href="#">Project link</a></li></ul>		

## EXPERIENCE

<b>Personal Blog</b>	Jun. 2017 - Present
Reading 24w, followers 2k+, Technology Sharing/Recording Life	
Position: Technical and Life Recorder	
<b>Github</b>	Oct. 2017 - Present
Open Source Sharing	
Position: Open Source Author	
<b>PLida Zhitong Information Technology Ltd</b> , Jina, China	Jul. 2021 - Sept. 2021
Software Development Engineer	
Position: Software Developer Intern	
<b>Pactera Technology International Ltd</b> , Weifang, China	Apr. 2020 - Jun. 2020
Software Development Engineer	
Position: Software Developer Intern	

## PROFESSIONAL SKILLS

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**High English level.** Two years of full English teaching, participation in seminars, high level of English.

**Strong learning ability.** Maintain a high GPA at the postgraduate and undergraduate levels, and have unique insights and methods in learning.

**Strong academic research ability.** Two years of postgraduate study, one paper a year, and independent writing of scientific research books during the learning process.

## HONORS & AWARDS

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|---|------------|
| • Scholarship(50 %) of Russian National Research Higher Economic University                 | Sept. 2020 |
| • Excellent graduates of Shandong Province (top 5 %)  | Jun. 2020  |
| • Excellent graduates of Weifang City(top 5 %)  | Jun. 2020  |
| • Three good students of Weifang University (top 10 %)                                      | Jun. 2020  |
| • Excellent student cadres of Weifang University(top 10 %)                                  | Jun. 2020  |
| • National Encouragement Scholarship (top 3 %)  | Nov. 2019  |
| • First class scholarship of Weifang University (top 5 %)                                   | Nov. 2019  |
| • Excellent league cadres of Weifang University (top 5 %)                                   | Nov. 2019  |
| • National Encouragement Scholarship (top 3 %)  | Jan. 2019  |
| • First class scholarship of Weifang University (top 3 %)                                   | Jan. 2019  |
| • Three good students of Weifang University (top 10 %)                                      | Jan. 2019  |
| • National Encouragement Scholarship (top 3 %)  | Dec. 2017  |
| • First class scholarship of Weifang University (top 3 %)                                   | Dec. 2017  |
| • Three good students of Weifang University (top 10 %)                                      | Dec. 2017  |
| • Champion of Weifang University table tennis team competition (top 1 %)                    | May. 2017  |
| • Excellent student cadres of Weifang University(top 10 %)                                  | Dec. 2017  |
| • Excellent individual of Contemporary University Students Volunteer Net (top 5 %)          | May. 2017  |
| • Excellent organizer of Contemporary University Students Volunteer Net (top 5 %)           | May. 2017  |
| • Advanced individual of Weifang University (top 10 %)                                      | May. 2017  |
| • Excellent Individual in Winter Vacation Society Practice of Weifang University (top 10 %) | Mar. 2017  |
| • Runner-up of Weifang University table tennis team competition (top 2 %)                   | Oct. 2016  |
| • Excellent internal affairs pacesetter of Weifang University                               | Oct. 2016  |