

Zejin Lu

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Education

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| ✧ M.A. in Computer Vison, Hunan University | 2018.9 – Present |
| ✧ B.A. in Automation, Southwest Jiaotong University (Ranking Top 5%) | 2014.9 - 2018.6 |

Experience

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| ✧ Research Intern , in Alibaba Group, CBU | 2020.6-2020.9 |
| Research on machine learning algorithm in E-commerce, such as anomaly detection and risk control algorithms | |
| ✧ Research Assistant , in Institute of Automation, Chinese Academy of Sciences | 2019.6 – 2019.10 |
| Research on object detection and instance segmentation in National Laboratory of Pattern Recognition and join in Google Open-images Instance Segmentation Competition and won silver medal | |
| ✧ Teaching Assistant , in Hunan University | 2018. 9- 2019. 6 |
| Teaching Assistant in <i>Computer Aided Design System</i> | |
| ✧ Research Intern , Huawei (Beijing), 2012 Lab | 2018. 7 - 2018. 9 |
| Research on objection detection algorithm in mobile phone photographing scene | |
| ✧ Research Intern , in Microsoft (Shanghai) | 2017. 7 - 2017. 8 |
| Mainly engaged in Windows System like Active Directory, Database and so on | |
| ✧ Research on Industrial-Practical Target Detection Algorithm | 2016.11 - 2016.3 |
| Research on real-time target locating algorithm, focus on the speed and reliability | |

Publication and Conferences

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| ✧ <i>Relocation with Coverage and Intersection over Union Loss for Target Matching</i> | VISAPP 2021 |
| ✧ <i>A Real-time Two-stage and Dual-check Positioning Algorithm for Industrial Robots</i> | In Process |
| ✧ <i>Sudoku Searching Strategy for high precision in real-time applications</i> | In Prep (Draft) |
| ✧ <i>Verification with Coverage NMS for high reliability in object detection</i> | Working Paper |

Honors and Awards

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| ✧ <i>Google Open Images Instance Segmentation Competition Silver Medal</i> | 2019 |
| ✧ <i>Top Award of Scholarship in HNU</i> | 2019 |
| ✧ <i>Title of “Outstanding Graduates” in SWJTU</i> | 2018 |
| ✧ <i>Chinese National Encouragement Scholarship</i> | 2015 |
| ✧ <i>Top Award of Scholarship 5 times, Triple-A Student 3 times in SWJTU</i> | 2014 - 2018 |

Skill and Certification

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| ✧ Proficient in Python Programming, Familiar with C/C++ |
| ✧ Familiar with Theory of Image Processing, Deep Learning and Machine Learning |
| ✧ Familiar with Tensorflow, Pytorch and Opencv |
| ✧ IELTS 6.5 (Reading: 7.5, Writing: 6.5, Listening: 6.5, Speaking:6) |
| ✧ TestDAF 14 (Reading: 5, Writing: 3, Listening: 3, Speaking:3) |
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