

# Junxuan Li

## Curriculum Vitae

### PERSONAL DETAILS

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*Birth* September 16, 1994  
*Address* 42 Banfield St, Downer ACT, 2602  
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u5990546@anu.edu.au

### EDUCATION

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#### Industrial Trainee, Data61, CSIRO, Australia

2016.10-present

*Working on computer vision. Finished several research projects during the studying.*

Supervisor: Assoc. Prof. Antonio Robles-Kelly & Dr. Shaodi You

#### MEng. Master of Computing

2016-present

*College of Engineering and Computer Science*

*The Australian National University*

*Specialization: Artificial Intelligent.*

Overall GPA: **84.25/100** (6.875/7)

High scores in **Intro to Software System** (98/100) and **Software Construction** (82/100)

#### BEng. Naval Architecture & Ocean Engineering

2012-2016

*School of Naval Architecture Ocean & Civil Engineering.*

*Shanghai Jiaotong University, China*

GPA of courses that related to Math and Computer Science: **85.6/100**

Overall GPA: **83.8/100**

### RESEARCH EXPERIENCE

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#### Secrets in Computing Optical Flow by Convolutional Networks

2017

*Supervisor: Prof. Antonio Robles-Kelly & Dr. Shaodi You*

Proposed several CNNs network architectures that can estimate optical flow, and fully unveiled the intrinsic different between these structures. It was completed by MatConvNet(Matlab).

#### The interface development and application of OPT-Ship

2016

*Supervisor: Prof. Decheng Wang*

Undergraduate graduation project thesis. It implemented the interface of a software - OPTShip - by using C++ and Qt platform.

#### Research of mass transit passenger flow distribution base on IC and GPS data

2010-2011

*Supervisor: Dr. Linjie Gao*

26th Participation in Research Program(PRP). This project was aimed to analysis the data retrieved from IC and GPS and give an overall judgment to transit distribution. It was completed by using PYTHON.

### SKILLS

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*Languages* Chinese  
English  
*Programing Languages* PYTHON, JAVA , MATLAB, C++, L<sup>A</sup>T<sub>E</sub>X, SQL

## AWARDS & HONORS

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**Scholarship for Academic Excellence(Class C)**

*Shanghai Jiaotong University, China*

2015

**Scholarship for Academic Excellence(Class C)**

*Shanghai Jiaotong University, China*

2014

**30th Chinese College Physics Competition First Prize**

*Shanghai, China*

2013

**Scholarship for Academic Excellence(Class B)**

*Shanghai Jiaotong University, China*

2013