

# Li Dengju

Chengdu, China

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## Resume

*Better to light one candle than to curse the darkness.*



### Education

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- **Sichuan University (SCU)** Chengdu, China  
*Master's degree; Computer Technology; GPA: 3.52/4.00; Ranking: 5%; [Transcript](#)* Sep. 2017 – Jun. 2018
- **Southwest University for Nationalities (SWUN)** Chengdu, China  
*Bachelor's degree; Software Engineering; Year: 2015-2016; GPA: 3.8/4.0; Ranking: 1/164* Sep. 2013 – Jun. 2017

### Recent Experiences

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- **Research on the associative memory model for cognitive development of robots** Chengdu, China  
*First Author* Oct. 2018 – Present
  - **Bidirectional associative memory Model based on SNN:** Have finish the experiments and writings, and ready to submit to the journal on Feb. 1st, 2019.
- **The second national collegiate contest for brain-inspired computing** Chengdu, China  
*Team Member* Jun. 2018 – Sep. 2018
  - **NLP model based on SNN:** The language cognitive model based on Spiking Neural Network is proposed, and trying to solve the QA problem in NLP with SNN. Finally we win the second prize in the preliminary contest.
- **Research on gesture recognition method based on SNN** Chengdu, China  
*Second Author* Apr. 2018 – Jun. 2018
  - **Gesture recognition method based on SNN:** Propose the gesture recognition method based on spiking neural networks, the paper *A Gesture Recognition Method Based on Spiking Neural Networks for Cognition Development* have been published on *ICONIP*
- **The 3rd Sichuan "Internet +" college students innovation competition** Chengdu, China  
*Actual Lead* Jun. 2017 – Sep. 2017
  - **Road Show:** Based on the laboratory innovative results, the brain-inspired GPS chip is proposed. I give the speech and we win the silver award

### Selected Skills

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- **Languages:** Python; Java; Javascript; C/C++; markdown;  $\text{\LaTeX}$ ; native Chinese; fluent professional English
- **Systems/Tools:** General Linux DevOps; docker; MySQL
- **Frameworks:** tensorflow/spring-boot/spring-MVC/my-batis; sklearn/keras/opencv/numpy/pandas/matplotlib; flask; vue/electron/jquery
- **Add-ons:**
  - **Coding:**  
Familiar with basic algorithms and data structures;  
Good at using Python and various frameworks for algorithm implement
  - **Loving:**  
Like full stack technology, and focus on back-end engineering;  
Have completed the back-end development of the official website of the laboratory with SSM framework. See <http://ncrc.scu.edu.cn>.  
Love open source, like sharing. Github see: <https://github.com/kevinleeex>