Li Dengju

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Resume

Better to light one candle than to curse the darkness.

Education

- **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

- **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

- **Languages: Python**; **Java**; **Javascript**; **C/C++**; markdown; 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