

# Jiahe Shi

## CONTACT INFO

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ShanghaiTech University  
393 Middle Huaxia Road, Pudong, Shanghai  
*E-mail* shijh@shanghaitech.edu.cn  
*LinkedIn* <https://www.linkedin.com/in/sjhstone/>

## RESEARCH INTERESTS

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Numerical optimization  
Distributed optimization  
Optimal control

## EDUCATION

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**B.E. Candidate in Electrical Engineering** 2014 - Present  
ShanghaiTech University

## ONGOING PROJECT

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**ALADIN** Jun 2017 - Present  
A software for solving distributed optimization problems  
*Advisor: Boris Houska*

## AWARDS

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**Microsoft Imagine Cup 2017 (China)** Apr 2017  
National Semi-finalist  
*HIMLens: cross-platform face-tracking based identity database applications  
with Yinceng Xia, Feiyang Xudu*

**Mathematical Contest in Modelling 2017** Apr 2017  
Honorable Mention  
*Problem C: Cooperate and Navigate  
with Yang Zhou and Congjie Ding*

**2016 i-Lab Hackathon** Oct 2016  
3rd Prize  
*Hardware Kit: Smart Bin + Web Service: ConCity  
with Zhiqiang Xie, Yincen Xia, Jiajian Zhang and Yifan Cao*

**SegmentFault x AngelHack  
Any One Can Code Hackathon Shanghai** May 2016  
3rd Prize & Participants' Choice  
*Chalk War: a motion sensing game based on OpenNI and OpenCV  
with Yifan Wang, Yang Zhou, Yimo Chen and Zean Zhou*

## TECHNICAL SKILLS

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<i>Coding</i>	
<i>Languages</i>	C/C++ C# (Universal Windows App) Python
<i>Scientific</i>	
<i>Tools</i>	MATLAB & Simulink Mathematica LabVIEW
<i>Data</i>	
<i>Organization</i>	Microsoft Excel, Access
<i>Web</i>	
<i>Development</i>	PHP + Laravel + MariaDB Python + Django + MariaDB HTML5 CSS3 JavaScript
<i>Hardware</i>	
<i>Design</i>	VHDL (Xilinx Vivado Environment) Cadence Virtuoso
<i>Multimedia,</i>	
<i>Publishing</i>	L <sup>A</sup> T <sub>E</sub> X Adobe Premiere Pro Microsoft Word, Publisher, PowerPoint, Visio

## LANGUAGE SKILLS

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<b>CET-6</b> 537 (66%,76%)	2015
<b>Shanghai Interpretation Accreditation</b> Intermediate Level	2013