

# Zhiwei TONG

## Personnel Infos:

Email:  
tzw@buaa.edu.cn

## Language:

Chinese: Mother Tongue  
English: TOFEL 93

## Presentation skills:

•Working Software:  
PowerPoint/Word  
 $\LaTeX$

## EDUCATIONS

2015-2019

HARBIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

-Department of Computer Science and Technology  
-Bachelor Degree

2019-present

BEIHANG UNIVERSITY

-Department of Computer Science and Technology  
-Pursuing Master Degree

## EXPERIENCES

2016-2017

•To prepare for programming contests, I practiced classical algorithms and data structures for a long time. Then I attended 42th ACM-ICPC Shenyang regional contest after which I retired from my career as a competitive programmer.

2019-Present

•I started my research on civil aviation safety, and at the same time, took machine learning lessons. My task focuses on predicting unsafe events (e.g. hard landing) in flights and find the reason behind it using sensor data. In the first year I got an patent: A method to predict hard landing based on deep learning, cooperating with my supervisor and colleagues.

## Certification

42th ACM-ICPC Shenyang regional context

•Bronze Medal

China Computer Federation

Certified Software Professional

•Score 400/500 (ranked in the top 1 percent)

## SKILLS & INTERESTS

⇒Solving practical questions based on classical algorithms or machine learning models.

⇒Designing, extracting and analyzing patterns in a given data set.