

# Takumi Iida

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in takumi-iida | bibpile | blog.takumi-iida.com |

## WORK EXPERIENCE

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### SenseTime Japan Ltd.

Researcher, Research Team, R&D Center

Apr 2020 – Present  
Kyoto-city, Kyoto-pref

- **Road Detection Project**
  - 2D Lane Detection  
Mentor of intern (published to MIRU2023)
  - Bird's-Eye-View Segmentation  
Mentor of another intern (now)
- **Fallen Object Detection on Drivable Area**
  - Prior Work improvement (Co-Author of NeurIPS2021 Workshop [\[Paper\]](#) )
  - Propose the another new methods, implement one (Preparing Patent)
- **Highway Project**
  - Develop automatic camera calibration and road area estimation
  - Bird-Eye-View and Car 3D Box Estimation
- **Company Promotion**
  - Virtual Try-on paper introduction [\[Blog\]](#)
  - Zero-Shot Object Detection Survey [\[Link\]](#) [\[Blog\]](#) [\[Slide\]](#)
  - INTERN 2.5 @ SSII2023, MIRU2023 [\[Slide\]](#)

## EDUCATION

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### Ritsumeikan University

Master of Electronic System

Apr 2018 – Mar 2020  
Kusatsu-city, Shiga-pref

- **Research Topic:** Data poisoning assumed fault attack on Deep Neural Network (NCSP2020), Fujino Lab.

### Ritsumeikan University

Bachelor of Electronic and Computer Engineering

Apr 2014 – Mar 2018  
Kusatsu-city, Shiga-pref

- **Research Topic:** Bedside event real-time recognition using thermal sensor with Deep Learning (NCSP2018), Fujino Lab.

## SKILLS

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**Technical Topics :** Python, C++, PyTorch, Low-level Image Processing, Geometric Transformation

**Research Topics :** Fallen Object Detection, Lane Detection, Zero-shot Object Detection

## QUALIFICATIONS

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- [CG-ARTS] Computer Graphics Engineer Certification Test Expert (2023/12)
- [CG-ARTS] Image Processing Engineer Certification Test Expert (2023/08)
- [ETS] TOEIC L&R 815 (2023/05)
- [JDLA] Deep Learning For GENERAL (Jun 2018)
- [IPA] Applied Information Technology Engineer Examination (AP) (Oct 2016)
- [IPA] Fundamental Information Technology Engineer Examination (FP) (Oct 2014)
- [IPA] Information Technology Passport Examination (IP) (Oct 2011)