

# Takanobu Minami

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## PERSONAL INFORMATION

DATE OF BIRTH:	14 JAN 1986	CITIZENSHIP:	JAPAN
GENDER:	MALE	MARITAL STATUS:	SINGLE

## QUALIFICATION

- 10 years' experience in DEVELOPMENT DESIGN in the construction machine industry. (Products: motor grader, especially transmission)
- Knowledge of mechanical component design and failure analysis. (gear, bearing, seal-ring, etc)
- Proficiency in engineering software: Creo(FEM), Simcenter Amesim(multi-physics).
- Data science skill: PyTorch (machine learning)
- Negotiation and communication with customers and related internal department, such as Product Control section, Purchasing Dept., Production Engineering Dept. and Quality Assurance Dept.
- Native Japanese, Business-level English communication skill: TOEIC 970, TOEFL 96

## WORK EXPERIENCE

**Komatsu Ltd.**, Tokyo, Japan

2011.4-Current

### Engineer of Development Division

- Developed brand new transmission for latest motor graders. (GD535-5, GD675-6, GD705-5)
- Developed new powertrain for a small size motor grader. (GD405-7)
- Investigated causes of transmission problem cooperate with Quality Assurance Dept.
- Researched Indonesian market  
e.g. user's operation of machines, competitor's performance, component failure.
- Participated in an inter-company competition of A.I. technology.

## EDUCATION

College of Engineering and Applied Science,

2021.8-Current

University of Cincinnati, Ohio, USA

PhD Student of Mechanical Engineering

Graduate school of engineering, Kyoto University, Kyoto, Japan

2008.4-2011.3

Master of Mechanical Engineering and Science

## CERTIFICATES

TOEIC 970 (2021), TOEFL 96 (2020)

## REFERENCE

Available upon request