

AMGED ELSHEIKH

2nd year graduate student at Tohoku University Department of Robotics

Summary

A second-year master's degree student at Tohoku University Department of Robotics. interested in robotics, Data science, and A.I. Current research is investigating Deep Learning algorithms efficiency in estimating knee and ankle moments, based on a human's base data collected from experiments. The final goal is to build a system that can predict the moments in online setups.

Work History

01/2019 **Engineering Trainee Business Development | OLGA Engineering Industries** - Khartoum, Sudan
08/2019

The Job was a full-time training with the following responsibilities:

- Spread the company name to get inquiries.
- Evaluation of inquiries and performing cost estimation.
- Preparing the Techno-Commercial proposals and keep following up.

11/2017 **Assistance Tutor | University of Khartoum** - Khartoum, Sudan

12/2018 This was a part-time position requested by the national authorities to fulfill my one-year national service. the rules were as following:

- Collaborated with students to complete homework assignments, identify lagging skills and correct weaknesses.
- Provided appropriate learning materials for students.
- Supervision of Tutorials and Laboratories.
- Collect and calculate the course work.

EDUCATION

10/2020 **Master's Degree Department of Robotics**
09/2022 Tohoku University - Sendai, Miyagi

10/2019 **Research Student, Department of Mechanical Engineering**
09/2020 Tohoku University - Sendai, Miyagi

10/2012 **B.Sc. Honor's First Class, Mechanical Engineering Department**
11/2017 **Faculty of Engineering**
University of Khartoum - Khartoum, Sudan

Courses and Certifications

01/2022 JLPT N3
10/2021 TOEIC Listening and reading (score: 920 point)
06/2021 IBM Data Science Specialization
10/2020 Deep Learning by DeepLearning.AI



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LINKS

🌐 [linkedin.com/in/amged-elsheikh](https://www.linkedin.com/in/amged-elsheikh)
🐙 github.com/Amged-Elsheikh

SKILLS

• Python ★★★★★
• TensorFlow ★★★★★
• MS Office ★★★★★
• MATLAB ★★★★★
• Solidworks ★★★★★
• Arduino ★★★★★

Languages

• Arabic ★★★★★
• English ★★★★★
• Japanese ★★★★★