

Name and First name: THANH DUY KHONG

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Department: ☐ STPI ☒ GSI

Year of studies: ☐ 1<sup>st</sup> year ☐ 2<sup>nd</sup> year ☐ 3<sup>rd</sup> year ☒ 4<sup>th</sup> year ☐ 5<sup>th</sup> year Major: ACAD

### Host organization

Name: Department of Computer Science, Aalborg University

Address: Selma Lagerlöfs Vej 300, Aalborg Øst, 9220, Denmark

Name of the internship's supervisor: Thi Thao Nguyen Ho

Tel : (+45) / 71 / 34 / 65 / 52

Email : ntth@cs.aau.dk

Dates of internship : from 01 / 5 / 2022 To 01 / 9 / 2022 being 16 weeks.

Internship's topic: **Human activity recognition using wearable sensor data**

Specifications: (for 4<sup>th</sup> year students, please specify: the aims, the methods, human resources, material and/or software resources)

- **The aims:** To build a machine learning model that can classify human activities based on the postures of the body parts. This model will be trained based on an available dataset collected from wearable sensors.
- **The methods:** Work directly at the university's laboratory
- **Human resources:** supervisor and trainee
- **Software resources:** programming language: Python, Visual Studio Code editor.

Internship's supervisor at INSA : .....

### Internship's topic approved by :

☐ 1<sup>st</sup> year/2<sup>nd</sup> year/3<sup>rd</sup> year – M. CALIEZ

☒ 4<sup>th</sup> year – M. BAVENCOFFE

Dated : ..... / ..... / .....

Signature

### For 5<sup>th</sup> year students, the internship's topic is approved by :

☐ IAI - Mrs BAUDOU(H11) ☐ ACAD - Mr. ACHDJIAN (D04)

☐ IMC - Mr. FRACHON (D06) ☐ PMFSI - Mr. DENIS (D07)

Dated: ..... / ..... / .....

Signature

### How did you find this internship?

☒ Company Website

☐ INSA (forum, REC or RI...)

☐ PlaceOjeunes

☐ Teacher

☐ Personal Relationships

☐ Speculative application

☐ Other : .....

Fiche à retourner, par mail, à [pauline.diharce@insa-cvl.fr](mailto:pauline.diharce@insa-cvl.fr)

Attendre confirmation par mail du service RI pour l'envoi de la convention à établissement d'accueil