

Contract: Project in Practice

PERSONAL INFORMATION	
Ucph-username	*
sxn123	
First name	* Surname *
Alexander	Mittet
E-mail	* Telephone number *
alexandermittet@gmail.com	31951118
Study programme	* Specialisation (if applicable)
Study programme Bachelor i machine learning og da	Specialisation (if applicable)
INFORMATION ABOUT MAIN SUPERVISOR	
Name	* E-mail *
Bulat Ibragimov	bulat@di.ku.dk
Department	*
Department of Computer Science	
Department	*
Department Choose from the list	
PROJECT IN PRACTICE WITH A COMPANY	
The Project in Practice is carried out in cooperation	with the following company/organisation:
Science Innovation Hub	
Information about the contact person in the compan	ny/organisation:
Jakub Jan Rubinowski	
E-mail	* Telephone number *
jr@science.ku.dk	51 19 55 91
Place of employment	*

Science Innovation Hub	
INFORMATION ABOUT THE PROJECT PERIOD	
Project workload (ECTS):	
15 ECTS credits	
Block of Commencement:	* Block of End of Project:
Block 1	Block 2
Date of submission for project report:	*
04/12/2023	
COMPULSORY COURSE	
Does the programme require that a Project in Practice includes Yes No	udes a compulsory course or an event during the project period?
If yes, how?	
5 workshops run by science innovation hub	
THE FOCUS OF THE PROJECT	
▼ The Project in Practice is prepared as a group project	
Students on study programmes taught in English must write write in Danish or English. The project contract must state	e in English. Students on study programmes taught in Danish may which language has been chosen
State in which language the Project in Practice is pr	repared
C Danish	
Title/topic of the Project in Practice	
TrafficPulse	
Description:	
provide real-time traffic data for cities. The objective is to relies heavily on manual labor, and instead automate it use Traffic Pulse is designed to accurately count and differe modes of transportation. By using real-time video feeds tracking vehicles, subsequently storing this data into a country transportation of traffic at potential for integration into larger smart city infrastructure facilitating improvements in urban transportation systems conduct in-depth research and analysis, contributing to a	ntiate various types of vehicles including cars, bikes, and other from traffic cameras, the system is capable of identifying and omprehensive database. nalysis, city planning, and congestion management. With the re, Traffic Pulse aims to support data-driven decisions, s. Furthermore, this data can be utilized by data scientists to

WORKLOAD The workload of the student makes 412 or 824 hours, depending on the project workload, and is distributed as following: Supervision: 10 hours 125 Preparation: hours At the company: 217 hours (including other compulsory attendance) * Report writing: hours Total: 412hours PROJECT IN PRACTICE AS GROUP PROJECT Add the other members of the group here Name Ucph-username Marcus Rasmussen dlf903 Information about project in practice and exam The Project in Practice is prepared as a: Joined report
Report with individual contributions The exam is held as a: Group exam
Individual exam MATCHING OF EXPECTATIONS WITH THE COMPANY **Expectations of UCPH for the company** During the stay at the company, it is expected that the student will be treated as any other new colleague. • The contact person of the company is expected to make the student feel comfortable and help with the practical aspects

• The contact person of the company is expected to help the student academically concerning the specific tasks in the

and timeliness of the data collected. The end goal is to promote efficient and sustainable city planning, making our urban

spaces more livable and less congested.

during the startup and throughout the project period.

Other expectations for the company:

company to the extent of the contact person's knowledge.

	,
Expectations of UCPH for the student	
The student is expected to be punctual regarding meetings and meeting time.	
The student must be well prepared and eligible at the company.	
• The student is expected to show its academic knowledge and initiative in the tasks that are agreed by the company, the supervisor and the student to handle.	
• The student must show initiative at the company and inform the contact person of the company, if the student needs more work or needs help with its tasks.	
• The student is expected to show its academic knowledge and initiative in the tasks that are agreed by the company, the supervisor and the student to handle.	
Other expectations for the student:	
	_
INFORMATION ABOUT SUPERVISION	
The main supervisor and the student(s) must align their expectations for the project process with each other by providing the following information:	
State the expected number of hours of supervision: 10 *	
State how often you need to meet (prepare meeting schedule if needed):	*
We have established a recurring weekly meeting, with a flexible schedule, dedicated to discussing and reviewing the progress of our project. Each session is scheduled to last for 30 minutes, providing ample time to cover significant developments, address any challenges encountered, and map out strategies for the subsequent week.	
State what is expected of the supervisor at the meetings:	*
The supervisor is expected to provide technical guidance on algorithm selection, problem-solving, debugging, testing, and verification, while also offering academic support, feedback, maintaining effective communication, and fostering a positive, collaborative learning environment. Their role is to guide, assess, and enhance the overall quality and progress of the project.	
State what is expected of the student(s) at the meetings:	*
The student is expected to actively engage in the project, apply learned concepts, problem-solve, demonstrate initiative,	

communicate effectively, and consistently contribute to the team's work. They should be open to feedback, strive for

continual learning, and maintain a high standard of academic integrity and professionalism throughout the project.		
er:		

SIGNATURES

Read where you must submit the contract: Studieinformation på KUnet > Bachelorprojekt og andre projekter > Tilmelding og kontrakt.

Student

Date

04-07-2023

When signing this contract I guarantee that I have read the university's guidelines on how to avoid plagiarism: Studieinformation > Kurser og undervisning > God videnskabelig praksis.

Main supervisor

Monder Mi

Jekt here

Date

01.08.2023

Head of studies or the Project in Practice coordinator of your programme

1

Stefan Sommer (godkendt i e-mail) SL for Machine Learning og Datavidenskab Date

12/9-2023

8/8-2023

Contact person of the company

Jakub Rubinowski

Date

14/08/2023

Read more about UCPH's data policy (https://informationssikkerhed.ku.dk/english/)

SCI-DIKU-uddannelse

Stefan Sommer Fra: 12. september 2023 01:26 Sendt: SCI-DIKU-uddannelse Til: Cc: Torben Ægidius Mogensen; Alexander Christian Ebsen Mittet; Marcus Nygaard Skovgaard Rasmussen Emne: Re: We have found a supervisor! **Kategorier:** Projekter; Jette Kære all, også godkendt fra min side. Held og lykke med projektet. Vh, Stefan > On 10 Sep 2023, at 23.25, SCI-DIKU-uddannelse <uddannelse@diku.dk> wrote: > > Hej Stefan > Cc. Marcus, Alexander og Torben > Vil du godkende de to vedhæftede kontrakter? > Torben Mogensen har allerede godkendt dem, men da de studerende er indskrevet på Machine Learning og Datavidenskab, skal vi have din godkendelse. > @Alexander og Marcus: Vil I fremover huske at anvende jeres KU-e-mails (og ikke jeres private emails), når I udfylder og indsender dokumenter mv. til os? Tak for forhånd 😊. > > > Med venlig hilsen > Jette Giovanni Møller > Studieadministrativ medarbejder > Københavns Universitet > Datalogisk Institut > Universitetsparken 1 > Lokale 771-01-3-21 > 2100 København Ø > DIR 35 33 56 89 > jettegm@di.ku.dk > www.diku.dk > > Sådan beskytter vi persondata > > > -----Oprindelig meddelelse-----> Fra: Torben Ægidius Mogensen <torbenm@di.ku.dk> > Sendt: 8. september 2023 11:15 > Til: Alexander Mittet <alexandermittet@gmail.com>; SCI-DIKU-uddannelse > <uddannelse@diku.dk>