We deliver drugs on demand.
IDP/Project Module: Software Engineering

Who WE are:
• Aponia is a Munich-based startup founded by TUM alumnus and HM alumnus.
• We offer local pharmacies a SaaS platform for drug deliveries by bike, from the pharmacy to the end customer.
• This service enables local pharmacies to open up a new sales channel in order to remain relevant for end customers in the age of e-prescription.
• Webpage www.aponia.de

What to know before the IDP/Project Module:
IDP/Project Module is supervised by Professorship for Operations and Supply Chain Management (OSM)
• Applications are possible as team or individuals
• Theoretical part can be chosen by you

Your RESPONSIBILITIES:
Improve our delivery platform, which connects and efficiently manages workflows from pharmacies and bike couriers, to work on a larger scale
• Improve the performance of our optimization model by applying appropriate machine learning techniques to our (sub-)problems (assignment, route planning)
  • Investigate the fields of application of machine learning to speed up the assignment of orders to bike riders during one shift
  • Investigate the fields of application of machine learning to improve our route planning for a single rider after the assignment has happened
• Deploy your solution to our existing environment and test it with real world data

Who YOU are:
• You have experience in REST API, GraphQL, Python and basic knowledge in optimization models.
• You are a teamplayer with ability to take responsibility for her/his tasks
• You are passionate about learning new approaches and want to establish entrepreneurial skills
• Fluent in English, German beneficial

What we offer:
• Join a highly driven team with flat hierarchies with room and freedom to experiment and learn
• Flexible working times to fit your studies with clear objectives and goals
• Work remotely or on-site in our office in the heart of Munich
• Possibility to join the team as a working student or full time employee

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How to apply:
As a team or individual send the following information to David.heid@aponia.de :
• CV(s) and LinkedIn (if existing)
• Earliest possible starting date
• Previous projects and team experiences (couple of sentences)
• Any questions you might have