INTERDISCIPLINARY PROJECT (IDP)

REAL-TIME CLIENT SERVER INTERACTION (IOS OR ANDROID)

STARTING: any time

Be part of the early startup experience of RideBee, a mobility startup that implements a carpooling application for companies. Our current prototype that helps users to match into joint trips is based on the MEAN Stack (www.ridebee.me) and will be extended by Android and iOS applications. Apply and extend your Swift, Java or Kotlin knowledge in an interdisciplinary project (IDP).

REQUIREMENTS:

- Proficiency in either Swift, Java or Kotlin development from at least six months of experience
- Work background with version control systems like Git
- Knowledge of the principles of building a client-server architecture based on REST
- Familiarity with the deployment of an app to the Play or App Store is an advantage
- Located in Munich for at least one day per week
- Strong communication skills in English (German is an advantage)

PRACTICAL PART:

- Research and develop the client server infrastructure and communication to enable location sharing and navigation between Android or iOS clients via a Node backend
- Integrate the routing information into the mobile frontend

THEORETICAL PART:

- Collaboration with the TUM Entrepreneurship Research Institute
- Attend a lecture such as: ‘Introduction to Entrepreneurship’, ‘Technology & Innovation Management’ or ‘Leadership’

OUR OFFER:

- Be part of an early-stage startup experience with a small team of tech enthusiasts that gathered international experience from universities such as MIT, CMU and GIT
- Develop new ideas, designs and features with modern technologies from scratch

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