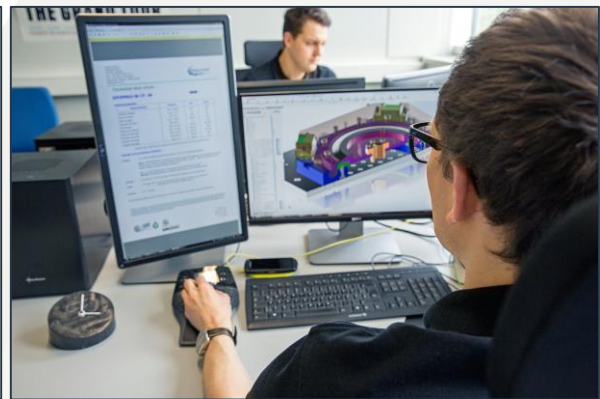




PROJECT-BASED STUDIES (F/M)

TOPIC:
CONCEPT FOR AUTOMATED MOLD LOADING
WITHIN THE SMC PROCESS

As a **young spin-off** of TU Munich, we develop and produce **components out of CFRP** for our customers in the **automotive, aerospace and mechanical engineering** sectors. Our **high-performance manufacturing process** (Carbon-SMC) enables us to efficiently produce **highly complex components in large quantities**, and thus we shape the lightweight market of the future.



SMC E-Bike bottom bracket shell (left), mold design (right)

YOUR TASKS

- Research suitable options of an automated mold loading by analyzing an existing use case of one of our customers
- Evaluation of the increase in efficiency compared to manual process steps
- Elaboration of a technical concept and definition of a suitable "break-even project" taking into account the economic efficiency
- Create an action plan for the successful implementation of the developed concept

YOUR PROFILE

- Technical Bachelor or Master students with business and/or technical orientation
- Initial experience in the field of automation technology and the programming of plants
- CAD-skills
- Awareness of the economic efficiency of production processes
- Quick comprehension and a hands-on-mentality
- Inspirable / curious / striving for a steep learning curve

Sounds interesting? We are looking forward to getting to know you. You don't have to write a cover letter. We prefer to spend this time in a personal conversation with you. Just send your curriculum vitae via e-mail to: karriere@blackwave.de