



# HiWi Wanted

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## GUI Programming

You know how to write GUIs in either C++, Java, C# or you are able to write flexible JS HTML websites with an underlying Java server then apply now. We are looking for a UI programmer for the DFKI's HySociaTea Project.



HySociaTea is short for Hybrid Social Teams for Long-Term Collaboration in Cyber-Physical Systems. In this project, funded by the German Ministry for Education and Research, the German Research Center for Artificial Intelligence (Deutsches Forschungszentrum für Künstliche Intelligenz – DFKI) investigates how teams of humans, robots and software agents (i.e. virtual characters and softbots) can work collaboratively in a production scenario.

You will develop an user interface for a manager who needs to specify new customer orders. He must be able to input time, date, description and a list of materials needed to fulfill this order. This input will be delivered to a planner which optimizes the current workflow of parallel orders and report changes back.

In the second step the UI must visualize the state of the current orders and report changes made by the planner or the workers back to the manager in a way, that he is able to interact.

The user interface can be written in js/html using an ajax java server in background or any language supported by the framework (C++, C#, Java, Python or Ruby).

### Requirements:

- Programming Skills in UI programming
- A feeling for beautiful UIs
- At least 8 hours a week
- Optional knowledge about Thrift
- Optional knowledge about git

### Contact

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vcard