

Embedded Hardware Developer (m/f)



Embedded Hardware Developer (m/f)

We are a young, award-winning start-up based in Bernau bei Berlin (16min ride from Gesundbrunnen train station by public transport). Our young enthusiastic and fun team is developing, producing and marketing a unique robotic modular system for children:

www.tinkerbots.com

We are seeking an enthusiastic hardware developer to support our team in the further development of our product.

Responsibilities:

- Development of electronic circuits (analog / digital) and the testing of PCB layouts
- Concept design, component selection, preparation of circuit diagrams, PCB layouts and identification of suitable materials
- Analysis of the performance and feasibility of alternative hardware concepts
- Programming of microcontrollers (Atmel + ARM family)
- Prototyping, test setups
- Admission tests - EMC, electrical safety, CE, UL
- Project management
- Transfer of electronic hardware from a small batch series into mass production

We are looking for a candidate who has:

- The passion and dedication to create the best toy robotic product ever
- The ability to take responsibility and work independently
- A practical, focused and solution-oriented approach to work
- Good mechanical skills and who likes to build and make things
- An excellent knowledge of electronics (analog and digital)
- A very good knowledge of the common tools used in hardware development (Eagle etc.)
- Proficiency in using test and measurement equipment

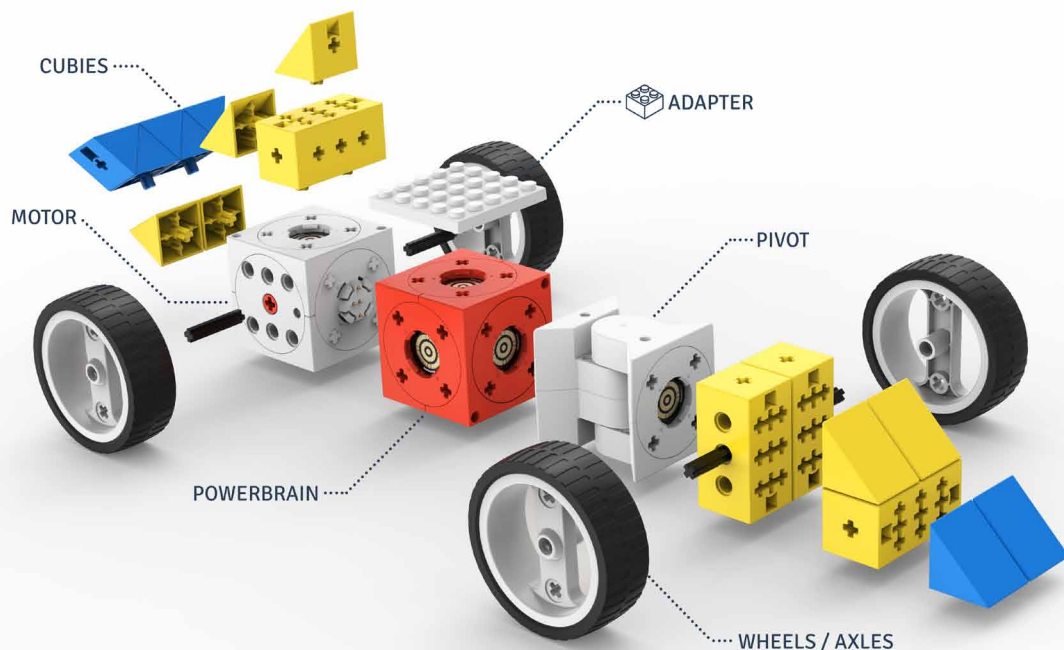
- Knowledge of PCB manufacturing / assembly
- Good programming skills in C
- Experience with test software for the initiation of microcontrollers
- Some experience in the development of battery-powered devices (in particular battery protection circuits for Li-Ion batteries)
- A degree in engineering (electrical engineering, or equivalent). This would be advantageous, but is not essential.

Join us!

We are offering an exciting and challenging position in a young hardware company. This is an opportunity to be part of a great team, working responsibly and creatively. Varied tasks, flat hierarchies, open communication and a lot of freedom for personal development await you! We are also offering an attractive remuneration package and long-term prospects.

Have we stimulated your interest? Then please do send us an email with a brief CV and, if possible, a short list of your previous and current projects, to jobs@tinkerbots.com

We look forward to hearing from you!



Kinematics GmbH • Börnicker Chaussee 1 - 2 • 16321 Bernau bei Berlin
Contact: Christian Guder • **Mail:** jobs@tinkerbots.com