

Nano-tech start-up is looking for **working students** from electrical engineering | mechatronics | physics | nanotech disciplines

Immediate, short-term and longer-term contract options:

- initial contract with TUM (public tariff for working students) → time frame now till end of September
- flexible time slots between 5-20 h/week, or more in a block period (summer break)
- location in 82205 Gilching (pureions company) and/or 85748 Garching (TUM laboratory)
- option of joining the start-up afterwards

Your current options – as of your experience and interest – are working in:

- Electronics development and construction - **analogue** | **digital**
- Software development - **machine-based** | **user-interfaces** (GUI, applications)
- Vacuum systems development - **mechatronics + fluidic** elements | modules (e.g., detectors/sensors, electrospray units etc.)



We are...

- a recently founded start-up in Gilching (West of Munich, **S8**).
- a multidisciplinary team from the surface physics and nanotechnology chair at Technical University Munich (Garching)

We develop...

- vacuum systems with related mechatronics for “nano-printing” with organic molecules
 - ➔ for academic + industrial organic nanotech-applications (e.g., for *organic solar-tech = OPV, organic electronics e.g. sensors, OLED, CMOS, storage*)
 - ➔ elements + modules such as electrospray units, detectors/sensors, ion guides/quadrupoles, etc...
- electronics + software

for conducting...

- preparative **mass spectrometry** - based on **ion beam deposition**
- a technology combining **vacuum physics, electronics and (bio)analytical chemistry** (see our and TUM website)

Interested or need more information?

Please, get in touch and submit a short CV and your field of interest to:
a.huettig@pureions.de

You have...

- theoretical background + practical (laboratory) experience in either computer science, engineering, electronics or nanotech
- teamwork spirit with initiative + DIY attitude and interest to work in an interdisciplinary spin-off team in an emerging high-tech industry.