

Internship Certificate

Jannik Schwab was employed by NanoTemper Technologies GmbH as an Intern – Bioinformatics and Software Development from March 2016 to November 2016.

During his time at our company Jannik was part of the Software Development team within our Research & Development department. His main field of work was the design and development of web based user interfaces for our newest device generations. Back end development using python micro frameworks as well as front end work with HTML template engines and JavaScript were part of his work. Finding new and innovative ways to display and analyze measurement data was one main task, which also included the design and implementation of performant algorithms to preprocess data. Storing, accessing and modifying data using SQL and NoSQL databases in combination with object mappers was also part of this process. He also assisted in the implementation of robust hardware control software following state-of-the-art software design patterns. All software related tasks were performed in a Linux as well as Windows environment using modern software development tools. In addition he helped to improve the hardware design of our prototypes by performing measurements himself and evaluating the device handling.

All these tasks Jannik performed competently and very responsibly. He showed a lot of commitment and enthusiasm towards his work. He also has demonstrated the ability to work under pressure and to plan and organize successfully to meet deadlines. Showing close attention to detail he performed meticulous and accurate work. His strong interpersonal and communication skills have allowed him to develop good working relationships with both his colleagues and management.

Jannik was a great asset to our company and I highly recommend him for employment. We wish him the very best after his time in our company for his further career in Munich or elsewhere.

Yours sincerely,
Axel Rohde