

Tobias HAHNEN

PERSONAL INFORMATION

DATE AND PLACE OF BIRTH: 11.07.1998 | Moers
NATIONALITY: German
MARITAL STATUS: Single
ADDRESS: Greta-Rothe-Strasse 32, 47443 Moers, NRW, Germany
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WORK EXPERIENCE

MARCH 2020 - JUNE 2020	Internship: Computer science, THYSSENKRUPP STEEL EUROPE AG <i>Systems and process technology</i> Analysis, modeling and software development of an automatic process for the optimization of residual quantities of steel using a SMS group continuous casting system. The software to be developed consisted of cutting length optimization and residual end minimization.
FEBRUARY 2019 - FEBRUARY 2020	Student Assistant: software developer, UNIVERSITY OF APPLIED SCIENCES NIEDERRHEIN - <i>iPattern Institute for Pattern Recognition</i> Labeling of real time data and also software development for automatic testing and evaluation . Software development for a project based on medical image and pattern recognition. Research and software development for a medical technology project.
AUGUST 2017 - MARCH 2018	Student Assistant: technician, UNIVERSITY OF DUISBURG-ESSEN <i>Chair of general cognitive psychology</i> Software development and maintenance of a psychological evaluation procedure . Administration of Linux / MS Windows servers. Administration and servicing of employee computer systems using MS Active Directory. Elaboration of an existing IT infrastructure documentation.
FALL 2013 - FALL 2017	Bicycle courier <i>Rosen-Apotheke Moers-Scherpenberg</i>

EDUCATION

MARCH 2018 - TODAY	Computer Science, University of Applied Sciences Niederrhein, Krefeld <i>Expected degree: B.Sc.</i>
OCTOBER 2016 - MARCH 2018	Applied Computer Science, University of Duisburg-Essen, Duisburg <i>Focus: Engineering</i>
FALL 2008 - JULY 2016	Abitur, Grafschafter Gymnasium, Moers <i>Final grade: 2.0</i>

PUBLICATIONS

Pohle-Fröhlich, R., C. Dalitz, C. Richter, T. Hahnen, B. Stäudle und K. Albracht. "Estimation of Muscle Fascicle Orientation in Ultrasonic Images". In: *Proceedings of the 15th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications - Volume 5: VISAPP*. INSTICC. SciTePress, 2020, S. 79–86. DOI: [10.5220/0008933900790086](https://doi.org/10.5220/0008933900790086).

LANGUAGES

GERMAN: Native language
ENGLISH: Fluently (B2)

IT CAPABILITIES

Programming languages: C/C++, JAVA, PYTHON, C#, SQL, HTML / JavaScript
Frameworks / Libraries: OpenCV, OpenMP, JavaFX, WPF
Technologies: GIT, Make / CMake, REST
Operating systems: UNIX-based (macOS, LINUX, QNX), MS Windows, OpenVMS
Additional skills: L^AT_EX, Markdown, Microsoft Office

VOLUNTARY ACTIVITIES

WINTER 2016 Student Council: Computer Science
- MARCH 2018 *University of Duisburg-Essen*

WINTER 2014 Leader of the **Code for Niederrhein** Lab:
- SUMMER 2018 *Open Knowledge Foundation Germany*

PERSONAL INTERESTS

Process optimization, web development, network technology, Open-Source
Historical computer systems, space technology, project management, history, politics
Photography, books, Pen & Paper, TV series & movies