

# RIGHTMIRE, MICHAEL, B.SCI., MCSE, MCP, HPUXCA

## GENERAL INFORMATION



### Omics Software Architect

Bioinformatics and Omics Data Analytics (B240)  
German Cancer Research Center (DKFZ)  
Im Neuenheimer Feld 280  
69120 Heidelberg  
Germany

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## ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2014	B.Sci., Independent studies in Molecular Biotechnology, COSC, New Britain, Ct, USA
2007	Certificate of Biotechnology, UCSC, Cupertino, Ca, USA
2001	Hewlett Packard HPUX Certified Systems Administrator (HPUXCA)
2000	Microsoft Certified Systems Engineer (MCSE)

## PROFESSIONAL EXPERIENCE

Year(s)	Experience
2019 - 2020	Architect for the IT infrastructure, Institut für Anthropomatik und Robotik (IAR), Hochperformante Humanoide Technologien (H2T), Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany ☒
2017 - 2018	Bioinformatician, Bioinformatics and Systems Cardiology at the Klaus-Tschira-Institute for Computational Cardiology / Department of Internal Medicine III, Universitäts Klinikum Heidelberg, Heidelberg, Germany
2013 - 2017	Computational Biologist / Chemist, Data analyst, (DBA) Biocom Software and Biotechnology, Karlsruhe, Germany
2012 - 2013	Developer, BASF Chemical, XMART/Brunel, Ludwigshafen, Germany
2011 - 2012	DevOps Developer and Systems IT Architect, team! Datentechnik, Georgsmarienhütte, Germany
2010 - 2011	Senior System IT and Developer, Mentor Graphics, Fremont, Ca, USA
2008 - 2010	Biotechnology Specialist II, University of California, Santa Cruz, Center for the Study of RNA, Santa Cruz, Ca, USA
2003 - 2008	Senior Systems IT 5, Northrop Grumman, San Jose, Ca, USA
2002 - 2003	Senior Systems Analyst, Ascent Consulting, CenturyTel Telecommunications, Monroe, La, USA
2001 - 2002	Systems Analyst, Computer Processes Unlimited, Chevron Texaco, Metairie, La, USA
2000 - 2001	UNIX and Windows System Administrator, MCI Worldcom, Colorado Springs, Co, USA

## OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	
2017 - 2018	Editor, scientific journal submissions, Cactus Editing.
2016	Software architect for Deep Brain Stimulation Implants (DBI), Nexeon Medsystems.
2015	Data Software Developer, Tesera Systems Inc. Data analysis and [R]/Python bridging software within the risk planning industry.
2015	HIPPA compliant Medical Data and Electronic Health Record management software development, Rosellini Scientific.
2014	Computational Chemistry with Paradigm Energy Research Corporation, for the development of surface chemistry heat transfer.