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Daria GAIDAR

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Education	**Center for Bioinformatics, Saarland University, Saarbruecken, Germany** [since 08/2015] PhD student, Graduate School of Computer Science
	Saarland University, Saarbruecken, Germany [10/2010 – [09/2013-09/2014 year abroad] – 07/2015] Master of Science in Bioinformatics
	Kumamoto University, Kumamoto, Japan [10/2013 – 10/2014] Research graduate student, Computer Vision
	Kyiv Polytechnic Institute, Kyiv, Ukraine [2006 - 2010] Bachelor of Science in Computer Science, Medical Engineering Faculty
	International University of Finance, Kyiv, Ukraine [2008 - 2010] Bachelor of Science in Finance
	Specialized School #129, Kyiv, Ukraine [1996 - 2006] Graduation from the high school with honors certificate
Additional training	**Machine Learning Summer School, University of Kyoto, Japan** [08/2015 - 09/2015] Deep immersion in modern methods of statistical machine learning and inference
	Institute for Information Systems at German Research Center for Artificial Intelligence, DFKI Gmbh, Saarbruecken, Germany [10/2012 - 03/2013] Consulting Training Session **CEQA, Center for Excellence in Quality Assurance, Kiev, Ukraine** [02/2009 - 04/2009]

Software Testing Fundamentals

Scholarships and Grants	**JASSO research scholarship**
	[10/2013 – 10/2014]
	For the conduction of research in the Kumamoto University
	German Academic Exchange Service (DAAD)
	[10/2010 – 10/2012]
	For the completion of Master of Science degree in Bioinformatics in Saarland University
Working Experience	**Researcher, Saarland University, Saarbruecken, Germany**
	Chair of Computational Biology
	[since 08/2015]
	Conducting research in the area of bacterial and cancer drug resistance, drug repurposing, chemical genomics and data science. Assisting in teaching and supervising students
	Research Assistant, Saarland University, Saarbruecken, Germany
	Chair of Biophotonics and Laser Technology/JenLab GmbH
	[05/2012 – 05/2013]
	Day to day work with two-photon laser microscopes and time correlated single photon counting technique. Data evaluation, image processing, cell culturing (also iPS cells) and freezing
	Tutor, Saarland University, Saarbruecken, Germany
	[04/2012 – 09/2012]
	Software Engineering Core Course
	[04/2011 – 07/2011]
	Acquisition, Analysis and Management of Biological Image Data
	Volunteer, English Coach, IGS Campania, Naples, Italy
	[02/2010 - 05/2010]
	Providing training and English classes for high school students
	Radiology Technician, National Cancer Institute, Kyiv, Ukraine
	[10/2009 – 03/2010]
	Dosimetry tests design. Planning irradiation treatment procedures on the three-dimensional system THERAPLAN Plus (Canada)
Relevant skills	Programming languages and environments: R, Python, Matlab
	Keen in data analysis
	Trained in security and duties in laser, radiology and wet lab environment
	Affine in the use of MS Office package
	Experienced in scientific writing
Languages	English: fluent
	German: very good
	Japanese: intermediate
	Russian: mother tongue
	Ukrainian: mother tongue

Citizenship: Ukraine
Marital status: single
Date of birth: 30/05/1989

Activities Swimming, mountaineering, badminton

Scientific Papers and Posters **Gaidar D.**, Flohr A., Helms V. (2018) Integrative study of independently published data on evolutionary drug interactions in laboratory evolved antibiotic resistant strains of Escherichia coli. *Challenges and new concepts in antibiotics research (Institute Pasteur).* [Poster]

Gaidar D., Greil M., Andreychenko A., Helms V. (2016) Modelling Stress and Drug Resistance Development in Escherichia coli. *The 7th International Conference on Computational Systems-Biology and Bioinformatics (CSBio2016)* . [Talk]

Gaidar, D., Jordan, A., Akulenko, R., Helms, V., von Mueller, l. (2016). Differentiated assessment of the adhesion kinetics of S. aureus to human leukocytes. *EMBO, EMBL Symposium: Innate Immunity in Host-Pathogen Interactions* . [Poster]

Koga, M., Izumi, S., Matsubara, S., Inada, Y., & **Gaidar, D.** (2014). Proposal for welfare town planning method and experimental development of support system for persons with disabilities. *Procedia Environmental Sciences, 22, 70-77.* [Paper]

König, K., Uchugonova, A., Breunig, G., Kloetzer, M., Weinigel, M., Bückle, R., **Gaidar, D.**, Lademann, J.M. (2014). Quantitative multiphoton imaging. *SPIE Photonics West.* [Keynote presentation]

Klötzer, M., **Gaidar, D.**, Uchugonova, A., Breunig, G., & König, K. (2012). Two-photon autofluorescence microscopy and modelling of light transport in skin tissue phantoms. *FLIM Workshop, Saarbruecken, Germany.* [Poster]