

LIKA SVANADZE

PERSONAL INFORMATION

Address: Kostava 68, Tbilisi
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Date of Birth: 07/06/1987
Nationality: Georgian
Marital Status: Single



EDUCATION

2013 – 2019 Georg-August-University Göttingen, Germany. Faculty of Computer Science, Department of Medical Informatics, PhD degree (magna cum laude). **Dissertation title:** A Solution for Integrating the Brain Bank Imaging Workflow into the Multiple Sclerosis Collaborative Research Network

2008 – 2013, 2019 Tbilisi State Medical University - Faculty of Medicine, Bachelor's program; Tbilisi, Georgia

2008 – 2010 Ivane Javakhishvili Tbilisi State University - Faculty of Applied Mathematics and Computer Science; Master's degree, GPA - 4.0; **Master Thesis:** Automating of complex application with script language

2004 – 2008 Ivane Javakhishvili Tbilisi State University - Faculty of Applied Mathematics and Computer Science; Bachelor's degree, GPA – 4.0

WORKING EXPERIENCE

2018 - Today Ivane Javakhishvili Tbilisi State University
Position: Invited Lecturer
Subject: **Research skills for medical students** (Georgian and English courses)

2018 - Today Business and Technology University
Position: Assistant Professor
Subject: **Programming Language – Python**

2018 - 2019 Caucasus University
Position: Invited Lecturer
Subject: **Information Technologies - SPSS software for statistical data analysis** (Georgian and English courses)

04. 2013 – 03. 2017 University Medical Center Göttingen, Department of Medical Informatics
Position: Research associate
Job description: Development, maintenance, and support the complex IT infrastructure for the microscopic imaging system for the German research consortia; requirements engineering for the development of web infrastructure; validation and verification of IT infrastructure; regular communication with stakeholders; writing up regular status reports.

06.2012 – 03.2013	Company “Leavingstone” <i>Position:</i> Web Programmer <i>Job description:</i> Creating user friendly web sites; development of Facebook applications and pages.
07.2011 – 06.2012	Company “IT Novations” <i>Position:</i> Web Programmer <i>Job description:</i> Development of the front- and back-end functionality of web sites; enhancement of the enterprise content management system (CMS); providing technical support to the end users.
05.2009 – 06.2011	Company “EVENS” <i>Position:</i> Project manager <i>Job description:</i> Meeting with customers and end users to define the needs; specifying project details that meet clients requirements; defining project scope, creating project work plans and giving detail instructions to development team; assisting and monitoring development of the project.
09. 2008 – 04.2009	Company “EVENS” <i>Position:</i> Web Programmer
04.2008 – 07.2008	Company “EMCOS” – Internship in project management
2006 - 2008	Training center “CREDO T” <i>Position:</i> Teacher of programming languages, database, and ORIS accounting program

KEY COMPETENCES AND SKILLS

Healthcare Informatics

- Knowledge for collecting and processing statistical data; their analysis and interpretation of results in medical research
- Solid understanding of medical web services and standard protocols
- Strong knowledge of electronic medical records and other healthcare systems, as well as clinical data standards and medical vocabularies
- Strong knowledge of microscopic imaging tools, algorithms and infrastructures
- Knowledge of medical imaging systems

Web/Software Development

- Familiar with advanced analytics and statistical tool sets, such as SPSS, Python, R
- Strong knowledge of PHP, HTML5, CSS, XML, JavaScript/jQuery, and Ajax
- Extensive Knowledge of databases (MS SQL, MySQL)
- Knowledge of Python, C++, C# programming languages
- Complete knowledge of the UML architecture, diagrams and analysis models
- Solid understanding of web design standard and usability; Knowledge of Photoshop, Corel and Adobe Flash

Professional

- Able to quickly understand complex technical or software problems
- Able to develop algorithms using complex mathematical methods
- Writing up technical specifications and user instructions
- Solid understanding of project management methodology

Personal

- Passionate to do a good job
- Able to work both independently and as a member of the multidisciplinary team
- Good logical and critical thinking

Languages

Georgian (native), English (advanced), German (intermediate), Russian (basic).

ARTICLES, CONFERENCES & CERTIFICATES

Feb, 28, 2019	Doctoral dissertation defense, Göttingen, Germany. Title: “A Solution for Integrating the Brain Bank Imaging Workflow into the Multiple Sclerosis Collaborative Research Network”
May 23-26, 2016	Pathology Informatics Summit 2016, Pittsburgh, PA. Podium presentation with the title: An Integrated Pathology Workflow Solution for Biobank Research Consortia.
Dec 3-4, 2015	Digital Pathology Congress, London, UK. Poster presentation: Integration of the Microscopic Images into a Research Network Using Web Services.
May 4-8, 2015	Pathology Informatics Summit 2015, Pittsburgh, PA. Podium presentation.
Sep 7-10, 2014	GMDS (German Society for Medical Computer Science, Biometry and Epidemiology) Conference, Göttingen, Germany. Conference publication: Requirements for integration of microscope images into the laboratory information management system of a research network.
June 18 – 21, 2014	12th European Congress on Digital Pathology, Paris, France - Poster presentation.
July 1-4, 2014	The Göttingen SPIRIT Summer School „Multimodal Molecular Imaging: from high resolution in vitro towards in vivo“.
Oct 30-31, 2013	Nordic Symposium on Digital Pathology, Linköping, Sweden.
June 26 - 29, 2013	27 th International Congress on Computer Assisted Radiology and Surgery, Heidelberg, Germany.
April 1-4, 2008	International Conference GAMM, University of Bremen, Germany.
2008	Article: PAMM, Volume 8, Issue 1, Pages 10989 – 10990.
2007	Student’s Scientific Conference, Ivane Javakhishvili Tbilisi State University, Second Place. Thesis: “Elliptic Curve in Cryptography”.
2007	Certificate of Financial Accounting.

INTERESTS

Rubik's cubes, puzzles, photography, cycling, swimming.

REFERENCE

- Prof. Otto Rienhoff – Head of the Department of Medical Informatics, University Medical Center Göttingen, Germany; otto.rienhoff@med.uni-goettingen.de +49 (0)551-39-61500
- Prof. Dimitri Kordzaia – Dean of Faculty of Medicine, Ivane Javakhishvili Tbilisi State University; dimitri.kordzaia@tsu.ge