George Salukvadze

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Education

BACHELOR OF SCIENCE | JULY 2012 | IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY

· Major: Computer Science

BACHELOR OF SCIENCE | JULY 2012 | UNIVERSITÉ PARIS 8

· Major: Computer Science

MASTER OF ARTS | JULY 2020 | UNIVERSITÉ DE GENÈVE

· Major: Informatics for human sciences

Skills & Abilities

PROGRAMMING

· C/C++
· Java SE
· HTML, CSS, XML, X3D, XSL, PHP, JavaScript, GWT2, Vue.JS, AngularJS
· Django, Python
· LaTeX
· LISP
· Prolog
· Bash
· PL/SQL, MySQL
· MATLAB
· Joomla, Drupal, WordPress

GENERAL COMPUTER SKILLS

· Administrator of desktop and server computers (Windows, Linux)
· Microsoft Office (Word, Excel, PowerPoint, Access)
· Virtual Machine administration (VirtualBox, VMware)
· Hardware skills (computer assembly)

COMMUNICATION

· High communication skills
· Native language: Georgian
· Fluent knowledge: Russian, English, French
· Basic knowledge: Italian, Spanish

LEADERSHIP

· Have experience leading small teams in NGO work during organization of conferences and trainings

Experience

LEAD FULL-STACK DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | NOVEMBER 2018 – PRESENT

· Project associate at Neutrino Platform, creation of NP04 Slow control web interface, development of scripts for art framework, development of group website (HTML, PHP, AngularJS, Oracle DB, Drupal, JavaScript, CSS, JSON, REST APIs, art)

LEAD FULL-STACK DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | APRIL 2018 – OCTOBER 2018

· Neutrino Platform, creation of NP04 Slow control web interface, development of scripts for art framework, development of group website (HTML, PHP, AngularJS, Oracle DB, Drupal, JavaScript, CSS, JSON, REST APIs, art)

WEB-DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | SEPTEMBER 2017 – APRIL 2018

· ATLAS TileCalorimeter group, transfer of existing PHP website to Drupal 7 (PHP, HTML, Drupal)

BACK-END DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | JULY 2015 – SEPTEMBER 2017

· ATLAS Expert System team, full-stack developer (Python, OKS, HTML, CSS, PHP, JavaScript, REST API, Shibboleth SSO)

FULL-STACK DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | JULY 2014 – SEPTEMBER 2015

· ATLAS Emergency page, lead developer (MySQL, GWT2, Hibernate, HTML, CSS, PHP, JavaScript, REST API, Shibboleth SSO)
· ATLAS TDAQ Sysadmins, hardware support for servers (hardware skills)

WEB-DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | JULY 2012 – JULY 2014

· ATLAS Outreach and Education group, transfer of existing SharePoint website to Drupal 7, development of presentation and status pages (Drupal, HTML, CSS, JavaScript, mediaSignage, CERN Impress)

PROGRAMMER ANALYST | LEPL NATIONAL AGENCY FOR PUBLIC REGISTRY, TBILISI, GEORGIA | DECEMBER 2011 – AUGUST 2012

· Creation of statistics related to business registry of Georgia, creation of functions (Oracle SQL, Oracle BI, PL/SQL)

INTERNSHIP | LEPL NATIONAL AGENCY FOR PUBLIC REGISTRY, TBILISI, GEORGIA | MARCH 2011 – NOVEMBER 2011

INTERNSHIP | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | JULY 2011 – SEPTEMBER 2011

· ATLAS DDV group, development of WLCG network statistics webpage (Django, Python, HTML, CSS)

SHIFTER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | JULY 2010 – JULY 2010

· ATLAS TileCalorimeter group, shift at ATLAS Control Room

WEB-SITE ADMINISTRATOR | CONCORD TRAVEL LTD, TBILISI, GEORGIA | OCTOBER 2009 – MARCH 2010

· Administration of company's website (HTML, CSS, JavaScript, SEO)

PROGRAMMER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | OCTOBER 2008 – JULY 2009

· ATLAS TileCalorimeter group, programming calibration tool output from hexadecimal to decimal output and development of calibration patterns (C/C++, Python)

LABORATORY ASSISTANT | JOINT INSTITUTE FOR NUCLEAR RESEARCH, DUBNA, RUSSIA | MARCH 2008 – NOVEMBER 2013

Publications

[1] I. Asensi Tortajada, K. Reeves, A. Rummler, G. Salukvadze and C. Solans, "ATLAS Technical Coordination Expert System," in 23rd International Conference on Computing in High Energy and Nuclear Physics, CHEP 2018, Sofia, Bulgaria, 2018.

[2] DUNE Collaboration, "The DUNE Far Detector Interim Design Report Volume 1: Physics, Technology and Strategies," DUNE, Stanford, USA, 2018.

[3] DUNE Collaboration, "The DUNE Far Detector Interim Design Report, Volume 2: Single-Phase Module," DUNE, Stanford, USA, 2018.

[4] DUNE Collaboration, "The DUNE Far Detector Interim Design Report, Volume 3: Dual-Phase Module," DUNE, Stanford, USA, 2018.

Addition experience

MEMBER | NGO YOUTH ASSOCIATION "DRONI" | MAY 2010 – AUGUST 2012

· Participation and organization of several Youth Exchanges and Trainings

BOARD MEMBER | NGO GEORGIA YOUTH ECOMOVEMENT | JANUARY 2010 – AUGUST 2012

· Participation and organization of several Youth Exchanges and Trainings