

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 VINCENNES-SAINT-DENIS

- Major: Computer Science
- With high honors (mention: bien)

MASTER OF ARTS | FEBRUARY 2021 | UNIVERSITÉ DE GENÈVE

- Major: Computer science for humanities

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, German

LEADERSHIP

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

Experience

SUPPORT FIELD ENGINEER | SHARPBRAINS LTD | GENEVA, SWITZERLAND | JANUARY 2020 – PRESENT

- Diverse duties as support field engineer, mainly desktop support and system administration

FULL-STACK DEVELOPER | EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH, GENEVA, SWITZERLAND | JULY 2012 – PRESENT

- October 2018 – present: Project associate at Neutrino Platform, creation of [NP02](#) and [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)
- 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)
- September 2017 – April 2018: ATLAS TileCalorimeter group, transfer of existing PHP website to Drupal 7 (PHP, HTML, Drupal)
- July 2015 – September 2017: [ATLAS Expert System](#) team, full-stack developer (Python, OKS, HTML, CSS, PHP, JavaScript, REST API, Shibboleth SSO)
- 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)
- 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

INFORMATION TECHNOLOGIES TEACHER | LYCEUM OF VERA DISTRICT, TBILISI, GEORGIA | FEBRUARY 2011 – JUNE 2011

- Teaching basic introduction to information technologies to students of grades 7 and 11 (out of 12)

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] DUNE Collaboration, "The DUNE Far Detector Interim Design Report Volume 1: Physics, Technology and Strategies," DUNE, Stanford, USA, 2018.
- [2] DUNE Collaboration, "The DUNE Far Detector Interim Design Report, Volume 2: Single-Phase Module," DUNE, Stanford, USA, 2018.
- [3] DUNE Collaboration, "The DUNE Far Detector Interim Design Report, Volume 3: Dual-Phase Module," DUNE, Stanford, USA, 2018.
- [4] I. Asensi Tortajada, K. Reeves, A. Rummler, G. Salukvadze and C. Solans, "ATLAS Technical Coordination Expert System," in *EPJ Web Conf., Volume 214, 2019, 23rd International Conference on Computing in High Energy and Nuclear Physics (CHEP 2018)*, Sofia, Bulgaria, 2019.
- [5] DUNE Collaboration, "First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform," DUNE, Stanford, USA, 2020.

Addition experience

FREELANCE TRANSLATOR | REMOTE | 2008 – PRESENT

- Translation of different documents (official, technical) – mainly via Fiverr
- Translation of several websites and applications – VK, Facebook, Ubuntu, LinageOS, Fuelio, Signal Messenger

FREELANCE DEVELOPER | REMOTE | 2008 – PRESENT

- February-March, 2019: development of websites for [CockPit](#) and [MenuKit](#) websites for hospitality digital through OCIO Studio Berlin (HTML, JavaScript)
- July 2020 – present: development on the websites for [Valloloko](#) (HTML, JavaScript, CSS, Shopify)

VARIOUS DUTIES VOLUNTEER | CERN OPEN DAYS 2019 | SEPTEMBER 14-15, 2019

- Info agent for Neutrino Platform: giving information to visitors about what activities are available
- Cloud chamber activity manager: assembly of "home-made" cloud chamber model, explanation to visitors
- LHCb gate agent: crowd control, scanning bracelets
- Help to ATLAS Photo Stand: assembly/disassembly of equipment, setup

ATLAS PHOTO STAND MANAGER | CERN OPEN DAYS 2013 | SEPTEMBER 2013

- Management of ATLAS Photo Stand, organization, assembly/disassembly of equipment, setup, taking photos

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