Hayk Harutyunyan

Personal Data

Address: Armenia, Yerevan
Mobile Numbers: (+374 94) 600 201
E-mail: hayk.haru@gmail.com

Work Experience

Revenue Assurance Senior Specialist   2010 Aug - Present
(K-Telecom CJSC (VIVACELL - MTS))

Revenue Assurance Specialist   2010 Apr - 2010 Aug
(K-Telecom CJSC (VIVACELL - MTS))

- Developing new data analyses tools (for example, new SQL scripts, functions, procedures, etc.)
- Comparing different data sources to ensure data consistency in the report
- Investigating reasons of data inconsistency
- Developing data analysis applications for automation of the process
- Reporting
- Wrote parser for special file (the file size was more than 2,5 GB)
- Wrote parser for XML file

Software Engineer at "Hitegrity" LLC   2008 - 2009

- Created Packet Generation framework for ARP, PCAP, IPv4 and IPv6 protocols that provide universal interface to generate packets of different protocols and test environments
- Developed cross-platform (Windows - Linux) library, partly lib implementation, system specific threads and threads synchronization (mutex, pipes)
- Wrote technical documentations and tests

Trainings

C# Coding Bootcamp   2016 Dec
Organized by Microsoft Innovation Center (6 week intensive internship)
for BetConstruct

Windows phone application development   2012
Organized by Microsoft Innovation Center and
mLab ECA regional Mobile Applications Lab

C# training (Certificate of completion C# training I – II Levels)   2011
Organized by Microsoft innovation Center Armenia, EIF, USAID

Special course of C/C++   2008
Organized by CQGI MA LTD

Special courses of Web Technologies in the fields of   2008
JAVA, JavaScript, My SQL, HTML
Organized by EIF, Sun Microsystems, USAID and Yerevan State University

Professional Affiliations

SEUA   2007-2009

- Made a research and implementation of Steganographic algorithm about "Steganography in a Spectral Area of the Image"
- Participated in the Seventh International Conference on Computer Science and, Information Technologies

Laboratory at SEUA   2006-2008

- Research and development of "Multi-agent Systems"
- Design and implementation of software tool for special file system of windows
- Implementation of user interface for "Multi-agent Systems" (in QT)

SEUA   2006-2007

- Made a research and implementation of algorithms for Steganographic systems about "Hiding information in a bmp files by using special algorithms" (Scholastic Allowance in SEUA, Yerevan 2007)

Education

Master's Degree in Engineering (GPA 3.96)   2007 - 2009

State Engineering University of Armenia (SEUA)
Department of Computer Systems and Informatics

Bachelor's Degree in Engineering (Diploma with Honor)   2003 - 2007

SEUA Department of Computer Systems and Informatics

School Leaving Certificate   2001 - 2003

College of SEUA

Publication

The Steganography in Spectral Area of the Image   2009

Seventh International Conference on Computer Science and Information Technologies 28 September - 2 October, 2009, Yerevan, Armenia

By this work it was presented the hiding algorithm of the image in the spectral field with the help of Fast Fourier Transform (FFT).

Link: https://csit.am/2009/proceedings/6PDC/4.pdf

Skills

Programming Languages:

C#, C/C++

Databases:

MS SQL Server.

Languages:

Armenian   (native)
English   (fluent)
Russian   (fluent)

Public Profiles

LinkedIn, GitHub, CodeFights