

Ilkhom Karimov
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TECHNICAL SKILLS

- Mac, *nix, PC, SunOS
- MySQL, DB2, Oracle
- IBM Netcool, Maximo, WebSphere
- C++, C#, Python, JS
- Selenium, NUnit, unittest
- Cacti, Wireshark, Nmap, Nagios
- Shell, REGEX, PL/SQL
- Software/Web Development
- Bamboo CI, Jira, Confluence
- CSS, Django, Node.js
- Azure Cloud, *nix Admin
- apache, bind, ssh, IoT

EMPLOYMENT HISTORY

Cynerg LLC, Miramar, Florida

Software Development Department

02/2016 – 05/2016

Startup | IT services | logistics companies

Developer, Automation Test Engineer (Internship)

- Integrated **Jira** and **Bamboo CI** for project management and **automation CI**.
- **Developed prototype** of Kinect object recognition in logistics. Technologies used **Kinect SDK, C#**.
- Created **Unit tests** for Microsoft Kinect image recognition project.
- **Prepared test cases** according to specifications, stories and use cases.
- **Developed prototype** of application for data analytics of client company performance. Technologies used **Microsoft Power BI and C#**.
- Wrote **Unit tests** for Data Analytics prototype using **.NET and NUnit** framework.
- **Researched on customer needs** and possible software optimizations to automate manual or repetitive business logic.

PredictAny LLC, Pompano Beach, Florida

Software Development Department

06/2015 – 08/2015

Startup | Real Estate | mobile app projects

Test Engineer, Developer (Internship)

- **Tested quality of algorithms** to predict market price of the property.
- **Developed** new **algorithms** based on defects found in **tests**.
- **Developed test cases** for client Server interaction over Web API.
- **Analyzed and tested** structure of the real estate web application with **story** and logic **test cases**.
- **Planned** whole structure of the real estate project development.
- **Developed** automated web clients with the help of Selenium and custom **web crawlers**.

UCELL TeliaSonera (Swedish-Finnish company), Mobile Operator

Information Communication Technologies Department

07/2009 – 12/2014

Largest cellular operator in Uzbekistan

Senior Engineer in Network Management & OSS Team

- **Developed business workflows** to organize Fault and Asset management.
- **Tested** business workflows in the system.
- **Developed** python and bash **scripts for automation** the administration process.
- Successfully managed team of Fault and Asset Management project.

- **Configured** SunOS for IBM application required **environment**.
- **Installed and administrated** Enterprise Red Hat **Linux** 5.2 on company servers for IBM Products.
- **Installed** and integrated **IBM products** on Linux and SunOS servers.
- Efficiently **restored and troubleshooter** crashed **SunOS, Linux and Windows** based servers.

CCLAB Computer Communication laboratory

Konkuk University (Seoul, Korea)

08/2007 – 06/2009

Innovative Laboratory, works with application layer video transfer and remote drone control automation development

- **Research Assistant**

- Actively participated on **research and integration** of Project on HDTV stream transmission on the base of **Overlay Multicast** and **Native IPv6 Multicast**.
- **Developed GPS** navigation for project on controlling remotely helicopter installed **embedded system** through Mobile WiMax. Programming language used **C++**.

EDUCATION

- **Master of Science in Computer and Communication Engineering**, 2007-2009 **GPA 4.0**
Konkuk University, Seoul, South Korea
- **Bachelor of Telecommunications Engineering**, 2003 - 2007 **GPA 3.8**
TUIT, Tashkent, Uzbekistan
- **Master of Business Administration**, 2015 - 2016 **GPA 3.7**
Barry University, Miami, Florida, United States

ACADEMIC PUBLICATIONS

"An Experiment with HDTV Stream in KOREN"

International Conference on IT Promotion in Asia, ITPA Conference 2008

"Managing Alternative Parent Peers for Providing Fast Reconnection Between Peers"

IEEE, International Conference on Advanced Communication Technologies (ICACT 2009)

"A Real-time Routing System for Vehicular Ad Hock Networks"

Software Technologies for Future Dependable Distributer Systems (STFSSD2009)

AWARDS AND HONORS

IBM Tivoli Netcool Suite course certificates:

IBM Tivoli NetCool/OMNIBus 7.2 Administration and Configuration TN022GB

IBM Tivoli NetCool/Impact 4.0 Administration and Implementation TN04AGB

IBM Tivoli Netcool/Reporter 2.0 Installation and Administration TN07GB

IBM Tivoli Netcool/Webtop 2.0 Fundamentals TN05GB

CERTIFICATE in Linux administration. Jawaharlal Nehru India Uzbekistan Center of Information Technologies (Advanced Computing Training School).

CERTIFICATE A full course of study on: 2 level of Visual C++ basics, C# basics, windows application development, Web application development, basics of information Systems administering, MS SQL database development. Young developers training and support center

CERTIFICATE UNV/DDI/UNITeS. (United Nations Volunteer/Digital Development Initiative/United Nations Information Technologies Service). Completed UNV/DDI/UNITeS Volunteer assignment.