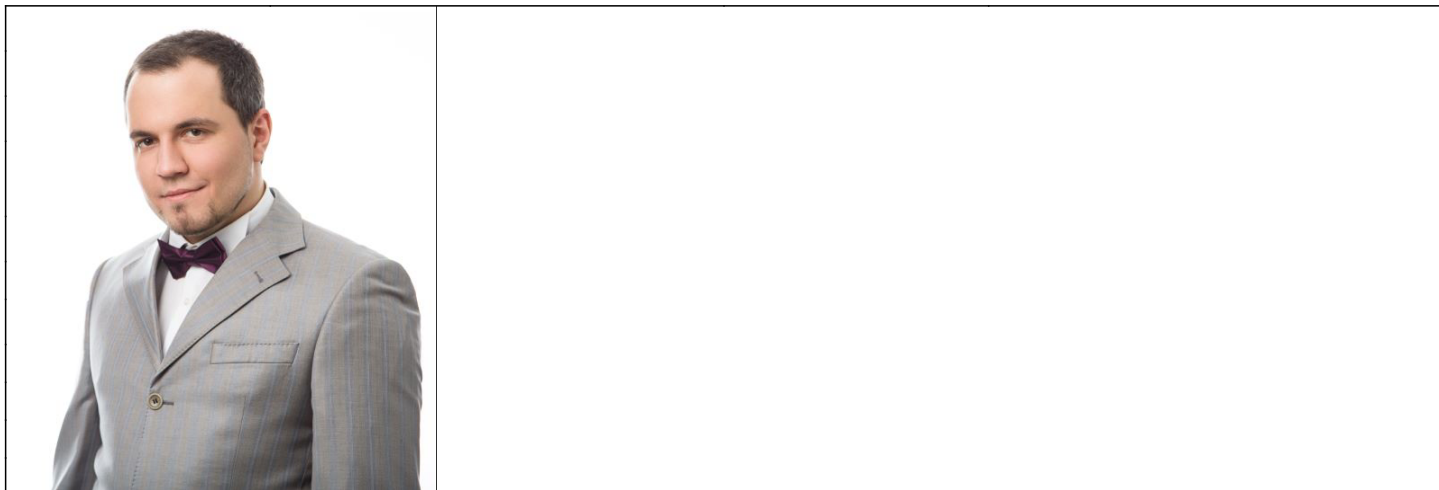


Oleksandr's CV

08.01.2019 12:14 - Oleksandr Papevis



#1 - 08.01.2019 14:36 - Oleksandr Papevis

Oleksandr Papevis

Key skills:

1. Experience with Linux – administration, web/app servers, network architecture, mailserver, certification, AWS Route53/EC2/ELB/Buckets, Digital Ocean services, docker.
2. Development on Windows environment, C++, Qt, applied Perl, applied Python, Ruby (bugtracking), Java, PHP, GUI, batch scripts.
3. Development on Linux environment, C++, applied Perl, applied Python, Ruby, Java, PHP, shell scripts.
4. Blockchain technologies - full nodes deployment, currency exchange administration, wallet apps, asset technical analysis
5. Embedded C/C++ interfacing directly with HW via memorymapped registers.
6. Digital hardware design, from schematics to PCB.
7. System architecture – topdown design.
8. Multithreaded programing for PCs.
9. Experience with ARM corebased targets, as well as lowpower MSP430, PIC12.
10. Electronics in transportation: railroad passenger coaches(HVAC control systems, safety devices), cars (OBD2/CAN/J1708/J1950/KLine) hardware/software.
11. Electronics in factories: hardware and software development, modernising industrial machines.
12. C++ Engineering: OOA, OOD e.g. on trial in encapsulation, polymorphism, inheritance, memory management.
13. Documentation development, maxima/lisp, tex/latex/bibtex, gnuplot, blueprints design.
14. Experience with ObjectRelational DBMS, MySQL, PgSQL, SQLite, ruby cascadestyle database relations.
15. Experience with Web – LAMP (Perl/PHP).
16. Experience with VCS + project management tools – SVN/Mercurial/Git + Redmine. Redmine database migration, including plugin conflict resolving. Redmine database merging, including database conflict resolving. Scons and makefile scripts for developing a toolchain.
17. Problemsolving in unfamiliar environments, fixing issues with clients' technology.
18. Extra expertise in mechanics and general engineering.
19. Experience in collaboration with foreign machine manufacturers.
20. Experience in procurement, notably working with China, USA, EU countries. Supplier evaluation, product selection, quality management. Experience 2016-2018 SETS (Space Electric Thruster Systems)

Experience

2018.10 - present EXCOINCIAL EXCHANGE Malta

CTO/System administrator/software engineer

1. Tech lead
2. Mail hosting service
3. Project management hosting service
4. Server-side administration, web/app servers, network architecture, mailserver, certification.

2018.01 - present AFRICUNIA BANK Lancashire, United Kingdom

Head of Support/Assistant CTO/System administrator/software engineer

1. Tech lead
2. Mail hosting service
3. Project management hosting service
4. Server-side administration, web/app servers, network architecture, mailserver, certification.

2016 - 2018 SETS (Space Electric Thruster Systems)

1. 6 months group leadership
2. 1 year CTO
3. Hardware & Software development
4. Chemical raw supply, processing
5. CNC machine sequence development, operation.
6. Cooling systems.
7. Hardware machines and instruments supply.
8. Extraordinary items inquire and shipping maintenance.
9. Laboratory equipment
10. Theoretical

2014 - 2015 Neatech LLC Dnepropetrovsk, Ukraine

1. Android applications research queue.
2. Application factory development, optimisation, frontend, backend.
3. Automation of application signing

2012.09 - present Gerele LLC Dnipropetrovsk, Ukraine

Team Lead/Tech Hardware/software engineer/field service engineer

1. Industrial control projects. WinAPI, Windows Services. MsDOS.
2. Free of OS development on MCU. □ C/C++ and Assembly.
3. RS485 data flow protocol. □ Modernising/repairing and developing industrial machines projects.
4. Legacy control systems management and development.
5. Candidate CV evaluation, interviewing. Team resource planning.
6. PC programming – control and diagnostics software.
7. Components selection and procurement, working with suppliers.
8. Certification and technical documentation developing
9. Hardware technical process development. Stamping and extrusion prefabrications processing documentation.
10. Contract validation and development

2010 - 2011 Transregion LLC Dnipropetrovsk, Ukraine

Hardware technologist and hardware systems engineer Senior engineer □ Chemical process designing

1. Candidate CV evaluation, interviewing.
2. Candidate training.
3. Warehouse front/backend system administration
4. Hardware and software design overview, product validation and testing.
5. Molding injection cases development
6. Resin potting process and component selection.
7. Components selection and procurement, working with suppliers.

2009 - 2010 ASTT LLC Dnipropetrovsk, Ukraine

ASTT makes control systems for railroad passenger coaches.

Newly created Fleet Management division.

Embedded systems engineer/Manufacturing Architect/Programmer

Senior engineer

1. Overseeing the development of modular electric control system for railway coaches.
2. Embedded C++ SW design, control routines for HVAC.
3. Embedded HW design
4. M2M solution – TCP/IP, GSM/GPRS, AT commands.
5. GPS, various sensors, sensor fusion.
6. Embedded SW testing – Embedded C++, FreeRTOS, multithreading, bootloader, overtheair FW updates, USB.
7. Manufacturing Architecture planning FMS software creation – DBMS, data flow planning, UI verification.

2008 - 2009 TransTechnology LLC Dnipropetrovsk, Ukraine

TransTechnology makes control systems for railroad passenger coaches.

Hardware and software commissioning/field service engineer

1. Assembly language programming, MSP430.
2. Implemented several testing procedures for HVAC control systems.

2006 - 2007 IC Murena LLC Dnipropetrovsk, Ukraine

Systemlevel design and application engineer

1. Acting as a hardwareengineer, engineering technologist.
2. Acting also as product manager.
3. Industrial control system installation and commissioning
4. Simple embedded HW/SW projects.
5. Web server administration
6. Web programming: custom Web framework frontend (HTML+JS) + backend (PHP+MySQL).
7. Semiautomatic Webshop development and administration.

Education.

2009 - 2010 National Academy of Public Administration, Dnipropetrovsk Regional Institute of Public Administration

Public Administration

1. MSc.
2. Economics/Microeconomics
3. Law
4. Geographic Information Systems

2007 - 2008 Dnipropetrovsk National University. Currently: Oles Honchar Dnipropetrovsk National University

Electronics/Mechanical Engineering

1. MSc.
2. Physical formulations of nondestructive testing.
3. Microcontrollers.
4. Wireless automation.
5. DataStructures.
6. OperatingSystems, with practice in Linux.

2003 - 2007 Dnipropetrovsk National University. Currently: Oles Honchar Dnipropetrovsk National University

Electronics Engineering

1. BSc.
2. Electronics and mixedsignals module.
3. Nondestructive testing and medical diagnostics module.
4. Software module.
5. Wireless and telecoms module.

2000 - 2003 Lyceum of Information Technologies, Dnipropetrovsk

Other skills.

1. AutoCAD/SolidWorks/COMPAS/ArtCAM mechanical design.
2. CNC machine control software.
3. MathCAD, Vissim, TeX (LaTeX with mathematics packages)
4. PCB design – Altium Designer, preparation for production. Scripting. PCAD, Eagle, OrCAD.
5. Version control systems – SVN, Mercurial/Git.
6. Project Management tools – Redmine, megaplan.ru, Trello.
7. GUI – Qt, WinAPI.
8. Linux/Windows commandline programming, system administration, general programming.
9. Web: Javascript, Python, PHP, Ruby, HTML, DBMS.
10. Excellent English, Russian language skills.
11. Conversational French.

About Me.

1. Born 1986, in Ukraine (Ukrainian citizen).
2. Single.
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5. (+380) 67 9979200