DAMIAN BULIRA

PHD CANDIDATE
SYSADMIN & DEVOPS ENGINEER

Year of birth: 1987
Nationality: Polish

- Wrocław, Poland
- +48 602 745 950
- damian@bulira.pl
- damian.bulira
- http://bulira.pl

Education

PhD, Computer Science
Oct 2011 - present
Wroclaw University of Technology | Wrocław, Poland

Ongoing PhD studies in Computer Science. Topic of the thesis: "Optimization of many-to-many flows in computer networks". Fields of interests: network optimization, (meta)heuristic algorithms, (M)ILP modeling, optical networks.

MSc. Eng., Computer Science
Oct 2006 - Jul 2011
Wroclaw University of Technology | Wrocław, Poland

Speciality: Computer Systems and Networks, MSc. thesis "Analysis of streaming delay for wireless access technologies", graduated with first-class honours.

Professional experience

Network Administrator
Nov 2015 - present
Opera Software | Wrocław, Poland

Network and system administration in the enterprise environment. Routing, switching and security management in Operations department (Juniper/Cisco); Network monitoring (Zabbix, SNMP); log and backup management; Linux systems administration.

SCM Engineer
Feb 2011 - Apr 2012
Tieto | Wrocław, Poland

DevOps - Software configuration management; design, development and maintenance of buildsystem for large telecommunication project (GNU Make); SCM tools development (Perl/Python); support for developers: Makefile development, version control management (SVN), continuous integration (Jenkins); build management.

IT Systems Administrator
Jan 2010 - Jan 2011
IP-MEDIA | Stalowa Wola, Poland

Design and implementation of hotspot systems for schools, hotels and public city access (MikroTik, Freeradius); CCTV networks design; network monitoring and maintenance (Nagios, MRTG, Munin, Cacti).

Languages

Language	Level
Polish	●●●●●●●
English	●●●●●●○
German	●●●○○○○
Spanish	●●○○○○○

System administration

Skill	Level
Linux	●●●●●●○
Bash	●●●●●○○
Python	●●●○○○○
Xen	●●●●○○○
C++	●●●○○○○
Apache	●●●●●○○
Nagios	●●●●●○○
Bind	●●●●○○○
Exim	●●●●○○○
RADIUS	●●●●○○○

Network administration

Skill	Level
Wireless networking	●●●●●●○
Hotspot systems	●●●●●●○
Traffic shaping	●●●●○○○
Firewalls	●●●●○○○
Monitoring	●●●●●○○
Access control	●●●●○○○
Cisco	●●●○○○○
Juniper	●●●●○○○
MikroTik	●●●●●○○

System Administration Intern — Jul 2010 - Sep 2010

Opera Software | Oslo, Norway

Network and servers monitoring system improvement; domain name system maintenance; development of internal network and system documentation.

Network Administrator — Jul 2003 - Apr 2010

Amateur Computer Network "Sieć Hutnik" | Stalowa Wola, Poland

Development and maintenance of wired and wireless computer network (250+ customers), Linux-based network routers administration. Non-profit cooperation.

System and Network Administrator — Jun 2006 - Dec 2009

MK-NET s.c. | Stalowa Wola, Poland

Management of large-scale wireless computer network (1500+ customers, 450+ sq. km coverage); implementation of wireless hotspot systems for private and public institutions; realization of high-speed wireless CCTV networks for the Police Department; Linux-based systems administration. During the academic year – consults and remote assistance only.

Volunteering — Mar 2010 - present

Erasmus Student Network

Secretary of the Council of National Representatives of ESN
National Representative of ESN Poland
Chair of the IT Committee

Advocacy in international student mobility issues (representing 150k Erasmus students); internal representation towards members (15k in Europe and 1.5k in Poland); external representation towards private and institutional partners; management of the IT volunteers staff (15 people); design, implementation and maintenance of IT infrastructure for 15k+ users (Debian, Xen, Apache, Nagios, git).

Honours and awards

PhD Internship — Oct 2012 - Sep 2012

Universitat Politècnica de Catalunya, Barcelona

Dean's Awards for scientific achievements — 2012, 2013, 2015

Faculty of Electronics, Wroclaw University of Technology

Dean's Award for special scientific activity — 2011

Faculty of Electronics, Wroclaw University of Technology

Rector's Letter of congratulations for excellent MSc studies final graduation score — 2011
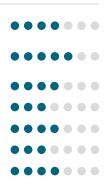
Wroclaw University of Technology

DevOps

Skill	Level
Build management	●●●●○○○
Continuous Integration	●●●●●○○
Agile (SCRUM)	●●●○○○○
Jenkins	●●●○○○○
Git	●●●●○○○
Subversion	●●●○○○○
GNU Make	●●●●○○○

Research

Topic	Level
(M)ILP modeling	●●●●●○○
(meta)heuristics	●●●●○○○
Optical networks	●●●○○○○
Network flows optimization	●●●●●○○

Courses

- CCNA (incl. certificate)
- CCNA Security (incl. certificate)

Personal interests

- basketball
- windsurfing
- skiing
- travelling