

Curriculum vitae

PERSONAL INFORMATION

Dimitrios Diamantis

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Military Obligations Fulfilled

"I am a skilled computers engineer specialized in HPC Linux clusters. Passionate, determined, customer focused, hard worker, cooperative, looking for new challenges and eager to explore as many aspects of Informatics science as possible."

EDUCATION

2017

M.Sc., Network Engineer

University of Athens, Informatics Department, Athens (Greece)

Communication Systems and Networks

2014

B.Sc., Software Engineer

University of Piraeus, Department of Informatics, Piraeus (Greece)

Artificial Intelligence and Software Technologies

WORK EXPERIENCE

01/07/2017–Present

Systems Engineer

Navarino SA,

Piraeus Greece

- Network operation center
- Juniper Network devices setup and monitoring
- FTP Server, NTP, Firewall, Postfix, DNS, DHCP, Web Hosting (Apache, PHP, Mariadb), AWS
- Network design and implementation
- Bleeding edge technologies evaluation
- Operations automation

Special Projects Delivered

June 2019

Systems Engineer

Navarino SA, Sydney, Australia

- Point of presence creation in Oceania
- Server Installation and configuration
- Network devices installation and configuration
- Network setup and stress testing

July 2018

Systems Engineer

Navarino SA, Amsterdam, Netherlands

- Dell VXrails cluster deployment (8 nodes)
- Clustering configuration and setup
- Virtual Infrastructure deployment and testing

December 2017

Systems Engineer

Navarino SA, Amsterdam, Netherlands

- Point of presence creation in Europe
- Server Installation and configuration
- Network devices installation and configuration
- Network setup and stress testing

01/02/2015–Present

Systems Administrator

WeMET PC,

Weather and Marine Engineering Technologies

Alimos, Athens (Greece)

- Networking and server infrastructure deployment
- Linux HPC cluster deployment (20 Server, 600 Core)
- FTP Server, NTP, Firewall, Postfix, DNS, DHCP, Web Hosting (Apache, PHP, Mariadb)
- Surveillance systems deployment and management (IPcameras)
- Customer support
- Operations automation

Special Projects Delivered

February 2020

Systems Administrator

Wemet, Alimos, Greece

- Linux HPC cluster deployment (25 nodes)
- Networking
- Meteorological model installation
- Operations automation

September 2019

Systems Administrator

Wemet & Presidency of Meteorology and Environment (PME) , Jeddah , Saudi Arabia

- Linux HPC cluster deployment (210 nodes)
- Networking
- Meteorological model installation
- Operations automation
- Web Page Development
- Staff Training

December 2015

Systems Administrator

Wemet & Saudi Aramco, Dhahran , Saudi Arabia

- Linux HPC cluster deployment (10 nodes)
- Networking
- Meteorological model installation
- Operations automation
- Web Page Development
- Staff Training

01/03/2013–Present

Systems Administrator

*University of Athens ,Department of Physics, Atmospheric Modeling and Weather Forecasting Group,
University Campus bldg 5, Athens (Greece)*

- Linux HPC cluster management (100 servers 1000 cores)
- Software maintenance (RHEL 5-6-7 server (Centos) ,Apache, mpi libraries, mysql)
- Operations automation
- Webpage development and maintenance (PHP, html, json, ajax, javascript, css, xml)
- Maintenance and performance enhancement of Fortran and C code based on parallel execution with MPI technologies
- Database administration for MySQL database with over 30TB data

Special Projects Delivered

September 2020

Systems Administrator

University of Athens, Zografou , Greece

- Linux HPC cluster deployment (25 nodes)
- Networking
- Meteorological model installation
- Operations automation

December 2014

Systems Administrator

Innovative Technologies Center & Qatar Civil Aviation Authority,

Meteorology Department, Doha, Qatar

- Linux HPC cluster deployment (50 nodes)
- Operations automation
- Networking
- Meteorological model installation
- Web Page Development
- Staff Training

05/11/2016–25/11/2016

Systems Administrator

Hellenic Instruments IKE, Koropi (Greece)

- Complete networking and server infrastructure installation and parameterization.
- Windows server 2012R2 , Active Directory, DNS, MS Exchange, Cisco ASA Firewall, Domain policy, Web Page

01/04/2016–01/11/2016

Systems Administrator

Hellenic Army Informatics Department, Athens (Greece)

- Server and Virtualization infrastructure maintenance (VMware ,docker , KVM, Centos , Windows Server 2012 R2, 2008 R2, 2003, Debian)
- Active Directory, DNS, DHCP, Apache, IIS, Postfix
- Web hosting services, backup plan , disaster recovery
- Operations automation (puppet , Jenkins, bash scripting)
- Monitoring Software (Nagios core)
- Database administrator (Haproxy, Galera cluster ,Mariadb)
- System security officer (Firewall, SELinux, IPS, Log monitoring, OSSEC)

08/03/2008–28/02/2013

Electronics Engineering Technician

Plaisio Computers AEBE, Athens (Greece)

- Service and Sales department store manager
- Computers assembly and troubleshooting
- Pc and Laptop sales and service representative

JOB RELATED SKILLS

Programming Languages

- PHP, C , C++ , Fortran, Java , C#, Visual Basic,Prolog, Matlab, Shell scripting (bash), Perl, Python

Systems Administration

- Linux (Centos, Debian), Windows (Server 2012 R2, 2008 R2 ,2003, XP, 7, 8, 10), VMware Esxi, FreeNAS

Software

- Vsphere, KVM, Nagios, Checkpoint IPS, Veeam, HAproxy, KVM, xCat, Confluent,

Webpage Development

- HTML5, JavaScript, Ajax, Joomla, Wordpress, CSS3, PHP

Networking

- IPv4, Routing, DNS, DHCP, NTP

Database Administration

- Mysql ,Mariadb ,Galera Cluster, Access

Experienced user

- IBM Bladecenter , IBM Brocade switch, HP L3 Switch, SAN, NAS, IBM servers, HP servers, Supermicro servers, Lenovo Servers, Juniper network devices

Languages spoken.

English, fluent (Lower of Cambridge); Greek, fluent

Publications

Platon Patlakas, George Galanis, Dimitris Diamantis and George Kallos. Low wind speed events: persistence and frequency. DOI: 10.1002/we.2078

Platon Patlakas, Dimitris Diamantis, George Galanis, George Kallos 2017, Perspectives on Atmospheric Sciences, Chapter: Towards a Study of Different Types of Extreme Wind Speed Conditions. DOI: 10.1007/978-3-319-35095-0_60

Christina Kalogeri, George Galanis, Christos Spyrou, Dimitris Diamantis, Foteini Baladima, Marika Koukoura, George Kallos 2016, Assessing the European offshore wind and wave energy resource for combined exploitation. Renewable Energy, DOI: 10.1016/j.renene.2016.08.010