

Travis Vanos

23 Young Crescent, Niagara-On-The-Lake, ON

+1 (647) 937 3746 – Travis.Vanos@gmail.com

Dedicated and hardworking professional with over 4 years of expertise in GIS/IT system administration, database technologies, software development environments and infrastructure technologies. Aspiring GIS professional, collaborating to solve issues and provide efficient solutions as a results-oriented team player.

- Highly skilled in current GIS\IT industry technologies.
- Excellent communication skills (verbal and written).

Education

Post Graduate – GIS - Geospatial Management

Niagara College – Niagara-On-The-Lake, ON

2015 - 2016

Relevant coursework: *Programming ArcGIS Applications, CAD and GIS, Foundations of Mapping and Cartography, Surveying and Geospatial Data Development, GIS Database Concepts, Introduction to Remote Sensing, Geospatial Models in Visualization, Geospatial Applications, Internet GIS Applications, Digital Image Processing*

Computer Systems Technology

Fanshawe College – London, ON

2010 - 2013

✓ President's Award (GPA > 4.0)

Relevant coursework: *Virtualization; Networking, Programming and Database Fundamentals; LAN, WAN; Computer Security Concepts; Advanced Linux and Windows Server; Mobile Technologies; Cloud Services; Data Management; Scripting for Systems Administration.*

Certified PC Repair Technician (CompTIA A+, Project+ Certifications.)

Lambton College – Sarnia, ON

2010

Work Experience

GIS Research Assistant (PT)

Niagara College Agriculture Innovation Centre – Niagara-On-The-Lake, ON

2016

- Integrating Python for creating, and modifying custom tools and procedures in ESRI suite
- Performing literature reviews on new Precision Agriculture and landform classification techniques

IT Operations/Administrator

Warema (Shadefactor Australia) – Melbourne, Australia

2015

- Developed and maintained an optimized product/quoting database
- Upgraded to a new Content Management (CM) System for new website rollout (Joomla - PHP)

Security Analyst

KUBRA Data Transfer – Mississauga, ON

2014

- Headlined new project to implement RADIUS authentication on all I.T assets for further PCI-DSS Audits
- Task automation (Python 2.7, 3.0)
- Executed internal security audits, penetration testing (PCI-DSS level '1' compliance)
- Contacted suppliers and reported to CTO for procuring new vulnerability scanning software

Security Research Engineer

Tripwire (nCircle Network Security) – Toronto, ON

2013

- Development with Python Programming, Proprietary ASPL (Advanced Security Programming Language)
- Coordinated with a team to actively research and investigate disclosed vulnerabilities.
- Assessed and identified risk classification based on Common Vulnerabilities & Exposure database
- Conducted security research (Remote Vulnerabilities, Reverse Engineering, Packet Analysis)
- Worked in monthly 'sprints' for development and Software Quality Assurance (QA) tasks
- Reviewed and oversaw specialized tier 2/3 remote support for client-submitted tickets

In-Home Technician/Sales

Staples Business Depot – Sarnia, ON

2011

- Coordinated troubleshooting and repairs in-store, by phone and in residences as certified a technician

Current Projects

Jordan Historical Museum GPR Survey	Jordan Historical Museum – Lincoln, ON	2015 -
<ul style="list-style-type: none">▪ Report on the locations of probable internments on the property using Ground Penetrating RADAR system (GPR)▪ Undertake Survey of the lands of the Jordan Historical Museum, tied to the UTM grid and local vertical control▪ Thorough Literature Review for the history of internments/burials associated with the property▪ Manage project with both real and theoretical budget in formal reports, board presentations and timesheets		

Technical Skills

GIS/ Geospatial Applications	AutoCAD/AutoCAD Map 3D; ESRI Software Suite; QGIS; GRASS GIS; Whitebox; R; Manifold System; MapInfo; ERDAS
Software/Protocol knowledge	<p>Vulnerability Tools: Tripwire IP360, Metasploit Pro, Wireshark, NMap, Nessus, Nexpose.</p> <p>Firewall Administration: Cisco PIX, ASA, Microsoft TMG, ISA, Barracuda.</p> <p>Database Administration: SQL Server (2008 R2, 2012), Access, Filemaker,</p> <p>Web Administration: IIS (7, 7.5, 8, 8.5), Apache, Joomla CM, Glassfish Server, Wordpress</p> <p>Authentication Methods: RADIUS, Windows SSO, LDAP, NTLM, Kerberos</p> <p>Applications: Cisco ASDM; MS Exchange administration (2007, 2010); Office Enterprise Suite (2003 -). Git Development ; JIRA; Salesforce; Rally; vSphere; StarWind</p> <p>In-depth knowledge of OSI model and layers. CCNA level proficiency of various protocols: (TCP, SSH, VPN, ICMP, HTTP, SSL, FTP, CIFS, DNS, ARP, EIRGP, OSPF)</p>
Operating Systems	Microsoft Windows (Legacy, 7, 8, 10) and Windows Server (2003, 2008, 2008 R2, 2012). Debian/Red Hat, *nix Implementing storage architectures in VMware ESX/ESXi (including storage subsystems); Amazon EC2 instance management/ administration
Hardware	I.T disaster recovery; PCI-DSS physical security for I.T assets. Workstation Repairs; NAS Storage; SAN (FC/iSCSI); RAID, Rack Mountable Units (installation and dismantle); Wireless (installation and security).
Languages	Proficient in Python, SQL, VB.NET, Power Shell, HTML/CSS

Certifications

Cisco Certified Network Associate (CCNA)
CompTIA A+ (IT Technician) (COMP001020077695)
CompTIA Project+ (COMP001020077695)

Interests and On-going Study

Russian – Basic conversational/ writing
Italian - Intermediate conversational/ writing
Camping/ Canoeing (14 + trips Algonquin)
Scuba Diving - PADI: Adventure diver (Wreck and Deep Diver)
Sailing (18ft SKIFFS - Adelaide, AUS Sailing team) (420 Level – Sarnia Yacht Club)