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| **Travis Vanos** | |
| 23 Young Cresent, 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.

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

Education

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| **Post Graduate – GIS - Geospatial Management**  Niagara College **–** Niagara-On-The-Lake, ON  **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* | **2015 - 2016** |
| **Computer Systems Technology**  Fanshawe College – *London, ON*   * 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.* | **2010 - 2013** |
| ***Certified PC Repair Technician*** *(CompTIA A+, Project+ Certifications.)*  Lambton College – *Sarnia, ON* | **2010** |

Work Experience

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| **GIS Research Assistant (PT)**  Niagara College Agriculture Innovation Centre **–** *Niagara-On-The-Lake, ON*  **GIS Research Assistant (PT)** |  | | **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   Warema (Shadefactor Australia) – *Melbourne, Australia* | | |  |  | |
| **IT Operations/Administrator**  **IT Operations/Administrator** |  | | **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* | | |  |  | |
|  | 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* | Staples Business Depot – *Sarnia, ON* | | **2011** |  | |  |
| * Coordinated troubleshooting and repairs in-store, by phone and in residences as certified a technician | | |  |  | |  |
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# Current Projects

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| **Jordan Historical Museum GPR Survey**  Jordan Historical Museum– *Lincoln, ON* |  | **2015 -** |
| * 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

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| GIS/ Geospatial  Applications | AutoCAD/AutoCAD Map 3D; ESRI Software Suite; QGIS; GRASS GIS; Whitebox; R; Manifold  System; MapInfo; ERDAS |
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| Software/Protocol knowledge | **Vulnerability Tools**: Tripwire IP360, Metasploit Pro, Wireshark, NMap, Nessus, Nexpose.  **Firewall Administration**: Cisco PIX, ASA, Microsoft TMG, ISA, Barracuda.  **Database Administration**: SQL Server (2008 R2, 2012), Access, Filemaker,  **Web Administration**: IIS (7, 7.5, 8, 8.5), Apache, Joomla CM, Glassfish Server, Wordpress  **Authentication Methods**: RADIUS, Windows SSO, LDAP, NTLM, Kerberos  **Applications**: Cisco ASDM; MS Exchange administration (2007, 2010); Office Enterprise Suite (2003 - ). Git Development ; JIRA; SalesForce; Rally; vSphere; StarWind  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) |
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| 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 |
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| Hardware | I.T disaster recovery; PCI-DSS pysical security for I.T assets.  Workstation Repairs; NAS Storage; SAN (FC/iSCSI); RAID,  Rack Mountable Units (installation and dismantle); Wireless (installation and security). |
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| 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)***