NATHAN JAMES

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CAREER OBJECTIVE

To obtain an Information Technology position as GIS IT specialist that specifically utilizes my talents web development, network management, IT support wherein excellent communication troubleshooting, research, and problem solving abilities and experience with GIS technology, GPS units, Digital Cartography, Remote Sensing, Network Analysis, and Spatial Queries/Analysis are required.

EDUCATION

Kennesaw State University - Bachelor of Science in Geographic Information Science, Kennesaw, GA, Graduated December 2010.
- Presidents List – 4.0 GPA for semesters ending December 2007 and May 2007
- National Honor Society (Cum Laude) member.

TECHNICAL SKILLS

Certifications:	HTML Certified
Systems:	Windows: 98, 2000, XP, Vista, 7, 2003 Server. Linux, Mac OSX.
Databases:	MS Access, MSSQL 2005/2008
Languages:	HTML4, CSS, ASP, Java, Python, VB.Net
Software:	Visual Studio, Microsoft Office Suite 2003/2007/2010, Microsoft Frontpage, Microsoft MapPoint, Adobe Photoshop, Adobe Dreamweaver, Adobe Freehand, Google Earth, ESRI ArcGIS 9.x-10, QGIS, OpenStreetMaps, ERDAS IMAGINE

EXPERIENCE

GIS Implementer - Zayo Fiber Solutions, Atlanta, GA, May 11 - Jul 11.
- Data entry of fiber optic network data from construction as-built into Google Earth.
- Data conversion of linear, point, and polygon data from Google Earth to Nexus and OSP spatial telecommunications databases.
- Data management of linear, point, and polygon data in NexusWorx and OSP applications.
- Data conversion of linear, point, and polygon data between NexusWorx and OSP applications.
- Creation of end product packages of fiber optic network spatial data for customers.
- Production of shipping labels, shipping responsibility for product packages.
- QC of work produced by team.

GIS Intern - City of Smyrna, Smyrna, GA, May 10 – Oct 10.
- Data entry of road network, parcel, business, and other municipal data using MSSQL 2005.
- SQL Queries, QA/QC, and data management of road network, parcel, business, and other municipal data using MSSQL 2005.

- Data entry of municipal linear, point, and polygon data into ArcGIS 9.3, ArcGIS 10, QGIS, and OpenStreetMaps.
- QA/QC of spatial data in ArcGIS 9.3 and ArcGIS 10.
- Data entry, queries, and reporting of municipal data in Microsoft Excel.
- Technical Writer- production of QGIS and ArcReader tutorials in Microsoft PowerPoint.
- Field Engineer- data collection for municipal business data using GPS technology and photography.
- Data conversion of GPS data to Google Earth . KML data. Conversion of .KML data to ArcGIS 9.3 and ArcGIS 10 feature class data.
- Research and Development of Linux-based MapServer to host and share vector maps online.

SI Leader- Kennesaw State University, Kennesaw, GA, Jan 07 - Feb 08.
- Teacher's Assistant duties in class for Elementary Statistics. Helped administer exams and group work and provided teaching assistance to students during group work sessions.
- Hosted official study sessions on campus for students. Tutored students on understanding of concepts, practice of mathematical skills and techniques, and preparing for exams.

Webmaster- Cybertron, Inc. /Web-Site-Builders, Atlanta, GA, Jun 01 - Dec 06.
- Initial building and ongoing-development of websites for individuals and small businesses using HTML4, CSS, ASP, Javascript, and . NET in Notepad, Microsoft Frontpage, Adobe Dreamweaver, and Visual Studio . NET/2005.
- QA/QC, troubleshooting of problems and formulation of solutions for websites in Internet Explorer 5/6/7, Netscape, and Mozilla Firefox.
- Data entry and management of CRM database using MS Access 2003.
- Building and installation of workstations, servers, gaming computers, printers, fax machines, scanners, home theater systems, routers, modems, other network equipment.
- Computer hardware installation/upgrades of memory, hard drives, optical drives, processors, video cards, sound cards, power supplies, SCSI adapters, and watercooling.
- Computer hardware and software problem troubleshooting and solutions.
- Customer Service- troubleshooting, technical support, and reception of customer satisfaction over-the-phone.
- Marketing- reception of hot calls from potential customers over the phone.
- Field Engineer- customer service; building, installations, and upgrades of computers and other technology, hardware/software troubleshooting, and network setup in home or office for people and small business.
- Photography service for business events.
- Audio/Video experience for business events.