

ZAK GRAONIC

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OBJECTIVE

Looking for a challenging Application Programmer and Web Developer position where I can further develop my analytical and problem solving skills, and successfully employ my specialization in networking and database systems.

COMPUTER SKILLS

- Programming: Java/EE, Python, C/C++, PHP, HTML/CSS, JavaScript, C#/WPF
- Computer graphic/IDE: AutoCAD, Photoshop, Illustrator, Eclipse, Dreamweaver, NetBeans
- Web Technologies: Apache/Tomcat, IIS, ASP.NET, Flash/AS3, CMS – Joomla, Drupal
- Database: MySQL, MS SQL, MS Access, DB2
- Operating Systems/Networking: GNU/Linux, Windows, Mac OS X, TCP/IP, IGMP, UDP

WORK EXPERIENCE

2008 – **Web development (DAG Nova)**

[www.clubami.qc.ca ; www.ainecdn.org ; www.conseilcdn.qc.ca ; www.ndg.ca ;
www.asapstudio.net ; www.passonsalaction.org]

- Collaborative software development
- HTML/CSS /JavaScript/PHP Programming (Dreamweaver, Net Beans IDE)
- Installation and configuration of a Content Management System (CMS) - Joomla
- Developing and testing CMS templates and extensions

2009 May – Sep. **Research assistant**, Desautels Faculty of Management,
McGill University, Montreal, PQ

- Develop, document and maintain spider/crawler programs that stores data in DB – Python, MySQL
- Develop a web base instant messenger application - PHP/MySQL/AJAX/jQuery/jsTree/XML

1996 – 2003 **Electrical Eng. Technologist**, Group for Maintenance of Process Computers,
Instrumentation Department, Oil Refinery Pancevo, Serbia

- Configuration, setup and administration of the Honeywell Process History Database (Oracle)
- Maintenance and administration of Siemens PLC Simatic S5 and S7
- Design and implementation of Metrology and Instrument Calibration Database in MS Access.

EDUCATION

2005 - 2008 **Bachelor of Arts; Major in Computer Science, Minor in Economics**
McGill University, Montreal, Quebec

CS Course Team Projects:

- Design, implement, and test a complete version of the 5-card draw variant of poker.
(Java programming 1.5 - Eclipse, JUnit testing, NetBeans - Swing GUI Programming, SVN)
- Setting up IP networks and services (DNS, SMTP), and implementing multicast (IGMP, DVMRP) on GINI
- Designing and implementing a “Simple Network File System” – C programming, SVN
- Developing database - an interlibrary book reservation system for public or private sector – MySQL, PHP

1993 – 1996 **Diploma of College Studies; Electrical Engineering Technologist**
VETS College, Belgrade, SR

CERTIFICATION AND ADDITIONAL TRAINING

2002 -2003 **Certificate:** MS Access 2002 Advanced Techniques, Building applications

Certificate: AutoCAD 2002 2D Drafting and 3D Modeling

Institute of Nuclear Sciences VINCA, Microsoft and Autodesk Certified Center

References available upon request