ORACLE PROGRAMMING

IT STUDENTS! STUDY TO BECOME AN:

Certified Associate
Everyone benefits from their participation in the Oracle Academy:

- With today's competitive global economy, students need every opportunity to get ahead.
- Instructors must continue building their skills to lead students on their paths to careers.
- Finally, schools need to offer these opportunities to their instructors in order to reach their students.

How does Oracle benefit? We move one step closer toward reaching our goals for corporate citizenship.
PATHS TO CERTIFICATION

- **DA160** Oracle Programming I
- **DA161** Oracle Programming II
  (these can be taken concurrently)

Take SQL Database Expert certification exam 1Z0-047

- **DA262** PL/SQL Programming I
- **DA263** PL/SQL Programming II

Take exam 1Z0-147 and become a PL/SQL Certified Associate

- DA151 Java Fundamentals
- **DA251** Java Programming

Take exam 1Z0-803 to become a Java SE 7 Certified Associate
Oracle Academy Database Concentration Courses
(South, Online)

DA 160 Oracle Programming I (3 cr)
DA 161 Oracle Programming II (3 cr)
DA 262 Oracle PL/SQL Programming I (3 cr)
DA 263 Oracle PL/SQL Programming II (3 cr)

In addition, select one (1) from the following:

DA151 Java Fundamentals
DA251 Java Programming
Other approved IT course
CAREER OPPORTUNITIES

• DBA (Database administrator)
• Database Designer
• Computer Engineer
• Technology Manager
• Systems Analyst
• Project Manager

• On the following slides are samples of some local companies advertising for IT positions requiring Oracle, SQL and relational database expertise:
SENIOR SYSTEMS ANALYSTS in Clarence, NY area. Test system programs and software to support quality control practices; develop standard operating procedures; work with Oracle, ERP E-Business Suite modules, Quick Test Pro, VB, SQL. Travel/relocate as required. Send resume to: Greatbatch, Ltd., 10000 Wehrle Drive, Clarence, NY, 14031.
Web Programmer: FT position for fast learning individual w/ .ASP, JAVA & SQL knowledge. Must have advanced RMDBS skill set & be security savvy. Knowledge of banking laws & programming in a SAS70 environment a plus. Min 3 to 5 yrs proven exp developing high volume data driven web based applications.
Delphi Programmer: FT opening. At least 3 yrs Delphi version 7+ exp preferred, but will consider applicants w/ at least 7 yrs proven exp developing windows based enterprise applications in any other OOP language. RMDBS & advanced SQL knowledge req’d.
IT Business Analyst
Cummins Inc
Jamestown, NY
Our Engine Business has an exciting opportunity for an IT Business Analyst located in Jamestown, New York in the area of Application/Process developer in support of the manufacturing plant.
3-5 years experience
• Modern development methodologies
• Oracle development tools Oracle Forms, PL/SQL, JAVA, JDeveloper ADF, SOA BPEL
• Oracle experiences in various Operating Systems
IT Systems Engineer

Team player to join a growing company named Best to Work for 2010. Design, implementation, documentation, testing & maintenance of computer systems, software, and networks, troubleshooting, & supporting of corporate operations. Min Bach deg in Computer Science or related field w/ 3+ yrs of exp. Position reqs exp in a multi-location corporate environment w/ Active Directory, MS Exchange, Remote Desktop, MS SharePoint, Windows Server 2003/2008, SQL, Windows XP/7, data backup management, SFTP sites, SMTP services, & ticketing systems sites. Resumes w/out salary reqs will not be considered.
The Interactive Division of The Buffalo News is looking for a Jr. Web developer to join its growing interactive team. We’re looking for someone to support the development of our ever-expanding group of websites including buffalonews.com and buffalo.com.

The candidate will be responsible for supporting the existing infrastructure as well as developing new technologies and must be able to work in a varied, fast-paced environment. This person will work closely with the Editorial department for all digital solutions as well as the sales and marketing departments in support of niche sites and their vertical markets.

In addition, the successful candidate must have excellent communication skills, be highly organized, detail oriented and able to work well both independently and as part of a multi-disciplinary team.

**Education:** BS/BA in Computer Science or related field; or equivalent experience

**Skills & Abilities Desired:**
- Experience with at least one dynamic language, preferably PHP
- Solid knowledge of relational databases and SQL
- Comfortable working in a Linux environment
- Familiarity with Content Management Systems
MIS Data Analyst
Position in Amherst. Part time, 20-30 hrs/week. Requires knowledge of ETL processes and working with Oracle databases. Experience required with SQL query language, file manipulation and transfer, and MS Excel. Role includes ad hoc projects, documenting proper procedures and controls. JAVA a plus, as is mortgage knowledge. Send resume to: info@pentalphasurveillance.com.
COMPUTER SYSTEMS ENGINEER/ARCHITECT.
Job location: Buffalo, NY. Duties: Provide tech. direction & expertise for IT projects. Use project mgmt. methodologies & System Life Cycle disciplines to ensure successful implementation of projects. Analyze, design & review systems arch. Participate on develop. efforts by performing detailed analysis, developing detailed designs, programming & testing applications, using Informatica, Data base programs (Oracle, Db2), Unix shell scripting (IBM-AIX) & reporting tools. Requires M.S. degree in Comp. Sci., Eng. or related field & 2 yrs. exp. in the job offered or 2 yrs. exp. as a Programmer/Analyst. Concurrent exp. must incl.: 2 yrs. exp. analyzing, designing & reviewing systems arch. & 2 yrs. exp. using Informatica & Oracle. Send resume by mail: Molly Stone, CTG Inc., 800 Delaware Ave., Buffalo, NY 14209-2091.
Oracle Academy supports over 10,000 students in 15 countries.

All instructors are certified by Oracle Academy

Virtual lab provided by Oracle Academy

All classroom materials supplied by Oracle
COMPANIES USING ORACLE:

- Praxair
- State University of New York
- Roswell Park Cancer Institute
- General Electric
- Google
- Starbucks
- Amazon
Structured Query Language (SQL)
PL/SQL programming language
Relational Database Design
Normalization
ERD Diagrams
Data Modeling
Java Programming
WHY ORACLE CORPORATION

- Established organization with over 30 years experience
- **Gold** standard for database technology and applications
- World's 1st supplier of software for information management
- World's 2nd largest independent software company
- Oracle technology can be found in data centers of 98 of the *Fortune 100 companies*
• Oracle Academy courses are inexpensive, at around $700 per 3-credit course including fees. (costs are subject to change from semester-to-semester)

• You would be hard-pressed finding Oracle Database Certification training that is more economical. Plus, you will be earning college credit.
The only Oracle Academy certified educational institution in Buffalo and WNY