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# Jonathan Hohle

## Objective

As a trained and experienced software engineer, I would like to work with an innovative team with a strong development process; primarily interested in internet applications, real-time 3D graphics, graphics processing, Unix-like operating systems (OS X, Linux, etc.) and cryptography.

## Work Experience

2003 - Current                      **Accenture**                      Phoenix, AZ  
**Analyst**

Served as a Oracle PL/SQL and Crystal Reports Developer. Helped design and implement a structured report, letter, and form package architecture in Oracle using a layered, procedural methodology. Researched, designed and implemented methods of using Crystal Reports to generate correspondence including features such as duplex printing, letters with dynamic inline tables, and grouping multiple pieces of correspondence into a single Crystal object. Responsible for developing robust data retrieval methods for reports requiring a single point of entry. Made and maintained contacts in several cities while traveling extensively.

- Extensive Oracle 9i PL/SQL Development (Packages, Procedures, Functions, Triggers)
- Letter, Form, and Report development in Crystal Reports 9
- Use of Microsoft Visual SourceSafe, Quest SQL Navigator, TOAD, SQL Plus
- Extensive travel
- CMM Level 4 project experience
- Projects: Wisconsin DWD SUITES (9/2003-12/2004), Arizona DOR BRITS (1/2005-current)

2000 - 2003                      **Rapid Prototyping Center, MSOE**                      Milwaukee, WI  
**Information Technology Manager**

Administered 20 Windows workstations, 2 Irix workstations, several Linux servers a Windows NT server and a Fort Knox Firewall. Developed a method for applying similar look and feel globally across web pages. Developed software for notifying users by email when machines were stopped due to error or build completion.

- Web design and development using PHP, JavaScript, HTML, CSS and mySQL.  
<http://www.rpc.msos.edu/>
- Software development in C++ and Visual Basic
- Unix (Irix, BeOS), Linux (Redhat, Gentoo) and Windows administration

## Education

1999 - 2003                      **Milwaukee School of Engineering**                      Milwaukee, WI  
**B.S. Software Engineering**

Graduated from the first ABET accredited software engineering program. Lead Senior Design team to achieve the highest mark possible. Used interest in software engineering to go above and beyond project requirements and attempted to apply learned principles to practical projects.

- Completed and excelled in several programming and software engineering courses
- Senior Design team Software Development Lab Transition Team leader
- Quickly adapted to a variety of software development processes and contributed to the improvement of those processes
- Successfully applied algorithms, data structures, OO programming techniques, patterns, and architectures to software projects
- GPA: 3.07. Major GPA: 3.22

## Summary of Qualifications

1999-Current                      **Denali**                      <http://www.denalimovie.com/>  
**Visual Effects Director/Web and Software Development**

- Visual effects and video editing using Adobe After Effects and Premiere
- Complete web design, development and administration

## Interests and Activities

Healthy living, traveling, world religions and spirituality, filmmaking, video and audio editing, animation, distance running, 3D modeling, home media, web development, and computer graphics

**Software, Library and  
Methodology Experience**

Algorithms and Numerical Analysis  
Apache  
BIND  
C++  
CASE Tools: Rose, Requisite Pro  
CMMi  
CVS  
Databases: Oracle 9i, MySQL, Postgres  
Design Patterns and Architectural Styles  
Formal Methods  
Fort Knox Firewall  
GCC  
Graphics Software: Adobe Photoshop, Jasc Paintshop Pro, GIMP, Adobe Illustrator  
HTML 4.0 and XHTML  
Java  
JavaScript  
Motorola Assembly  
MFC  
Oracle PL/SQL  
Object Oriented Programming  
Objective-C  
OpenGL and Advanced 2D and 3D Computer Graphics  
Operating Systems: Linux, Microsoft Windows, Irix, BeOS, OS X, FreeBSD, Solaris  
PHP  
Qt  
Rational Unified Process  
Software Processes: PSP, TSP, Xtreme Programming  
Software Testing  
VHDL  
Visual Studio 6 and .Net  
Visual Basic 6  
Winsock  
XML