

# DAVID DEHILSTER

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## SUMMARY

Software Engineer with 15+ years experience in research, design, programming, managing and bringing innovative ideas to the market place. Developed numerous software designs including dozens of text analyzers, a resume processor, an online card room, and a Visual Studio-like environment for creating analyzers that process human language. Known for rapid prototyping, enthusiasm, creativity, and communicating technical ideas to non-technical clients. A professional-grade artist, enhancing skills in computer graphics and user interfaces.

## TECHNOLOGIES

- C++/C# / VB
- VisualStudio
- Linux
- HTML5
- HPCC
- ECL
- NLP++
- SQL Server
- PHP
- CSS3
- Java
- LAMP
- Windows
- CodeJock
- MySQL
- jQuery
- AWS
- AJAX

## EXPERIENCE

### LEXISNEXIS

Dec 2014-Present

Working in the Supercomputing group in the IDE and integrating NLP

#### IDE and NLP in Supercomputing

Working on the ECL IDE to include other languages including NLP++

- Enhancing the ECL IDE in C++ and VisualStudio for open source
- Long-term project to integrate NLP into the supercomputing system

### TEXT ANALYSIS INTERNATIONAL

Nov 2013-Present

Bring NLP to the cloud with VisualText® Tool for building text analytics systems.

#### Head Cloud Programmer / COO

All projects involve writing text analyzers using NLP++ and VisualText®

- VisualStudio .NET applications in C++ and C# running NLP analyzers Cloud using AWS Windows Server 2008 R2
- Monetizing Natural Language Processing Cloud service
- Bringing new customers onboard using the new NLP Cloud model
- Created a website in with PHP, jQuery, jQuery Plugins, CSS, and MySQL for a web portal for the NLP Cloud

### Quest Nutrition, El Segundo, CA

June 2013- Nov 2013

Principle architect for a social networking site for diets

#### Senior Web / Database Programmer

Use of Boonex Dolphin website to create a diet engine module

- PHP, MySQL, jQuery, JavaScript, HTML, Jira, BitBlit
- Prototyped Dolphin module including database design, a-synchronous website interface and planning for scaling website for hi-volume traffic

**SAS Institute**, Irvine, CA

2011 - 2013

Professional Services installing and integrating law enforcement systems.

**Consultant / Programmer**

All projects involve coding in Visual Studio C#, Java, Eclipse Perl, and SAS Tools

- VisualStudio .NET 2013 applications for testing and running text processing for law enforcement
- Designed and implemented integration to Federal system for home security
- Installed and integrated data from legacy systems to new systems using java, web services, SQL on linux and window boxes

**MOLINA HEALTHCARE**, Long Beach, CA

2005 - 2010

\$3.7B company providing healthcare to those depending on government assistance.

**Senior Systems Analyst**

Processed millions of electronic claims annually sent to six states around the country.

- VisualStudio .NET, VisualBasic, C#, BizTalk
- Designed in-house analyst tools in Visual Studio .NET accessing Microsoft SQL servers and using HIPAA compliant files, cutting analysts' research time up to 50%
- Won award for project that decoupled databases increasing efficiency in claims processing by 50%
- In charge of processing and business analysis of New Mexico claims that positioned Molina ahead of other companies in that state

**BH DEVELOPMENT**, Santa Monica, CA

2001 - 2004

Interactive multi-player poker games and tournaments for players around the world.

**Lead Programmer**

First employee hired, managed team of six programmers to design and implement a downloadable game playing application, internet servers, and databases.

- VisualStudio .NET in C++ for an downloadable online poker playing application for windows
- Led programming team to deploy product, live online for 3 years with 90M poker hands played
- Lead designer for first interactive Paigow Poker game in an online card room
- Added novel features to online tournament poker play, subsequently incorporated by numerous online poker-playing companies.

**I-Search**, Los Angeles, CA

1997 - 1999

Processing of text and OCR'd resumes for over 300 companies

**Principle Architect of Technology**

Developed the key technology for resume extraction and human correction via an interface which was issued a patent in C++ and html.

- Developed a resume analyzer in C++ to extract information for over 8000 resumes a day
- Created interface system for a floor full of
- Patent for extracting information and revising / correcting via interface

**EDUCATION**

**The Ohio State University**, Columbus, OH

- Masters in Linguistics
- Bachelor of Science in Mathematics