

**WILLIAM JAMES DUDZIAK**

(330) 256-0101 (Cell)

Email: [will@dudziak.com](mailto:will@dudziak.com)

Personal Website: <http://www.dudziak.com>

LinkedIn: <http://www.linkedin.com/in/willdudziak>

OBJECTIVE

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Experienced Senior Software Developer with strong web development background and master's degree seeking to leverage project management and leadership abilities for a growing internet or game development company.

EXPERIENCE

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2009–present    The Rubicon Project    Santa Monica, CA

**Application Interfaces Software Engineer**

- Work with a team developing web-based software products designed to facilitate business and engineering needs in a high-demand, zero-downtime environment.
- Architected and deployed a PHP/SQL reporting engine designed to collate and report on the 1.5 billion ads the company serves each day. Currently serving as the authoritative source of financial and business-related statistics for Rubicon and all of its clients.
- Build applications using LAMP, PHP5.3, MySQL, Memcached, JavaScript, JQuery, Zend, AJAX, and CSS.

2008–2009    Internap Network Services, Inc.    Costa Mesa, CA

**Cloud Services Engineer, Sr.**

- Defined and developed client web portal and public-facing SOAP APIs for integration with new Cloud Storage and Cloud Servers product line.
- Completed fully-functioning version 1.0 of a scalable Cloud Storage solution including web-portal, credit card integration, and online file-browser in a highly demanding 3-week timeline.
- Built applications using LAMP, PHP5, MySQL, SOAP, JavaScript, JQuery, AJAX, Photoshop, CSS, and DHTML.

2007–2008    Internap Network Services, Inc.    Costa Mesa, CA

**Professional Services Software Engineer, Sr.**

- Developed custom content management and social networking web applications for CDN clients.
- Designed and implemented web 2.0 content management software suite responsible for \$200,000 in direct sales and \$2.3 million in related revenue.
- Built applications using LAMP, PHP5, MySQL, JavaScript, ExtJs (Ext), JQuery, AJAX, CSS, and DHTML.

2006–2007    Dept. of Computer Science, University of Akron    Akron, OH

**Senior Web Application Developer / Student Project Leader**

- Led team of five graduate students creating web-based intelligent classification software for Goodyear Tire and Rubber Company.
- Designed applications using .NET, C#, IIS, ASP.NET, and MS:SQL.

2003–2007    College of Engineering, University of Akron    Akron, OH

**Webmaster / Senior Web Developer**

2001–2003    Ameriserv.net Inc.    Cleveland, OH

**Web Developer / Lead Programmer**

## EDUCATION

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- 2001–2007      The University of Akron      Akron, OH
- Master of Science in Computer Science, 2007, 3.58 GPA.
  - Bachelor of Science in Computer Science, 2005.
  - GRE perfect quantitative score of 800, cumulative GRE score (quantitative & verbal) of 1390.

## SOFTWARE/LANGUAGE EXPERIENCE

Computer Languages

ASP.NET . . . . . 1 year  
 C# . . . . . 3 years  
 C/C++ . . . . . 2 years  
 CSS . . . . . 4 years  
 DHTML . . . . . 4 years  
 ExtJs (Ext) . . . . . 1 year  
 HTML . . . . . 11 years  
 Java . . . . . 1 year  
 JavaScript . . . . . 6 years  
 JQuery . . . . . 2 years  
 LISP . . . . . 1 year  
 Memcached . . . . . 1 year  
 MS:SQL . . . . . 1 year

MySQL . . . . . 4 years  
 PERL . . . . . 1 year  
 PHP . . . . . 5 years  
 Visual Basic .NET . . . . . 1 years  
 XML . . . . . 3 years  
 Zend . . . . . 1 year

Software Programs

Adobe Photoshop . . . . . 7 years  
 Macromedia Dreamweaver . . . . . 6 years  
 Microsoft Excel . . . . . 12 years  
 Microsoft IIS . . . . . 1 year  
 Microsoft Visual Studio .Net . . . . . 6 years

## INTERESTS

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Game Theory, Mountain Climbing, Piano, Chess, Racquetball, Neural Networks, Technical Market Analysis, Behavioral Finance, Relativistic and Quantum Physics, Backpacking.

## PRESENTATIONS/PUBLICATIONS

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*Presentation and Analysis of a Multi-Dimensional Interpolation Function for Non-Uniform Data: Microsphere Projection.* Master's Thesis for completion of Master of Science in Computer Science. 2007. Akron, OH.

*Semi-Automatic Interactive Visualization of Quantum Dot Nano-Structures.* IADIS International Conference Computer Graphics and Visualization, 2007. pp. 117-121.

*Multi-Dimensional Interpolation Function for Non-Uniform Data: Microsphere Projection.* IADIS International Conference Computer Graphics and Visualization, 2007. pp. 143-147.

*Using Fictitious Play to Find Pseudo-optimal Solutions for Full-scale Poker.* International Conference on Artificial Intelligence, 2006. pp. 374-380.

*Simulating Polymerase Chain Reaction (PCR).* 2006 University of Akron Computer Science Day. April 2006. Akron, Ohio.

*Arbitrary Size Parallel Sudoku Creation.* 2006 University of Akron Computer Science Day. April 2006. Akron, Ohio.

*Using Adaptation to Approach Nash Equilibria in Full-Scale Poker.* Conference on Undergraduate and Graduate Research. November 2005. Akron, Ohio.

*Game Theory and Its Application to Computer Science.* 2005 University of Akron Computer Science Day. April 2005. Akron, Ohio.

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Recommendations and References

RECOMMENDATIONS (details available via LinkedIn.com or on request)

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“Will is an extremely capable programmer who can communicate effectively with customers or other departments and has an eye for design as well. He can work to a schedule, design complex systems, troubleshoot problems quickly, and leverage his insights to fill in gaps within specs to deliver what the customer really needs.”

**Jason Eggleston**, *Team Lead, Solutions Engineer* – Manager

“Will joined our team as a new developer to extend our delivery capacity in Professional Services. Within his first week he was already up to speed in his new role and was making significant contributions to the team. Will has excellent technical and documentation skills, as well as customer skills and within a few weeks he assumed the primary lead role for a critical business project which he completed it on time and with excellent results. Will is an outstanding individual with great future potential that I would highly recommend for any position where his skills are needed.”

**Jay LaCroix**, *Global Manager, Strategic Partner Alliances* – Manager

“Will consistently demonstrates strong technical expertise. His willingness and ability to take on a many different responsibilities were key to the successful on-time completion of important projects. Will also has a strong eye for design that distinguishes him from most other software engineers.”

**Scott Leibrand**, *Manager of Architectural Engineering* – Manager

“I worked directly with Will on a PHP project where Will continuously demonstrated his ability to design clean and concise user interfaces with a fully functional back-end. Equally as impressive is Will's ability to write clean re-usable code while keeping it very efficient. I'd be delighted to work with Will again in the future.”

**Robert J. Palmer**, *Systems Engineer* – Coworker

“Will worked as lead programmer on the website we created for a startup video sharing network, and proved quickly to us that he is very thorough and conscientious. Will is both detail-oriented and an outstanding problem-solver, and went the full distance on our project, with his unending commitment to excellence. I would recommend Will without hesitation to any of my colleagues for future web development projects.”

**Eric Scott**, *Principal, Day For Night Multimedia, Inc.* – Outside Contractor

“I've had the great pleasure to work with Will and he is a tremendous asset to any team or organization. He is both technical and people savvy, a rare combination. Will is knowledgeable, yet flexible, a team player who understands company objectives and balances customer initiatives also. It is not uncommon to see Will put in late hours getting projects done. Thanks Will!”

**Dave Park**, *CDN Sales Manager* – Coworker

“I worked with Will on a number of customer projects and he was always very helpful in ensuring the upfront design decisions would both meet the customer requirements and also allow an on-time ship date. Will would always jump in and put in that extra effort to make sure the customer was happy with their software.”

**John McIlwain**, *Director of Product Management* – Coworker

“Will was a tremendous asset to the company. He has the rare ability to assist both behind the scenes and in front of the customer. He has a tremendous knowledge base that he shares in an easy to understand yet informative matter. I've worked with Will on specific customer applications where he was both instrumental in implementation and more importantly a vital component to closing the deal.”

**Jeff Bettencourt**, *CDN - Sales Engineer* – Coworker

More recommendations are available  
via LinkedIn profile: <http://www.linkedin.com/in/willdudziak>  
or via personal website: <http://www.dudziak.com/resume.php>

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Recommendations and References

REFERENCES

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*Name:* **Jay LaCroix**  
*Mutual Employer:* Internap Network Services, Inc.  
*Title:* Global Manager, Strategic Partner Alliances  
*Relationship:* Manager  
*Phone:* (508) 479 4188  
*Email:* jay\_lacroix@yahoo.com

*Name:* **Jason Eggleston**  
*Mutual Employer:* Internap Network Services, Inc.  
*Title:* Team Lead, Solutions Engineer  
*Relationship:* Supervisor  
*Phone:* (949) 351 4096  
*Email:* jason@eggnet.com

*Name:* **Mike Kowalski**  
*Mutual Employer:* Internap Network Services, Inc.  
*Title:* Sales Engineer  
*Relationship:* Coworker  
*Phone:* (949) 355 3710  
*Email:* mkowalski@internap.com

*Name:* **Chien-Chung Chan**  
*Mutual Employer:* Department of Computer Science, University of Akron  
*Title:* Professor of Computer Science  
*Relationship:* Supervisory Faculty Member  
*Phone:* (330) 972 8014  
*Email:* chan@cs.uakron.edu

*Name:* **Bob Shardy**  
*Mutual Employer:* College of Engineering, University of Akron  
*Title:* Director/Engineering Computer & Network Services  
*Relationship:* Supervisor  
*Phone:* (330) 972-5368  
*Email:* bobshardy@uakron.edu

*Name:* **Greg Griesmer**  
*Mutual Employer:* Ameriserv.net Inc.  
*Title:* Art Director  
*Relationship:* Coworker  
*Phone:* (216) 986 8940  
*Email:* ggrieser@gmail.com