

DALE SKINNER

Analytics Engineering Director

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Current Responsibility

Dale Skinner is a senior information technology consultant with Milliman's Technology and Operations Solutions (TOPS) Practice in Seattle, Washington. He joined the firm in 2001.

Professional Work Experience

Dale has over 15 years of experience in healthcare data-centric system design and development. During this time he has served as a developer, and often the lead developer, on a variety of different types of projects:

- Design and development of rating systems
- Deployment, customization, maintenance, and management of over a dozen implementations of MedInsight (Milliman's data warehousing product)
- Design and implementation of custom data marts
- Design, development, and maintenance of various types of code making up our proprietary Claim Audit tool set
- Development of web services used to programmatically interact with Milliman web-based systems

Dale is also an accomplished technical writer, often called upon to author requirements documents, functional and technical specifications, user guides, maintenance manuals, training materials, and technical system documentation. He also has extensive experience as a data analyst, having worked on a range of claims analysis projects for a variety of clients. He has a particular aptitude for identifying data quality issues in claims and enrollment data sets, clearly communicating them to clients, and then working with the client to resolve the issues. He has served as the data processing lead on a number of claims analysis projects.

Dale brings expertise in a vast array of Microsoft, open source, and other proprietary technologies to his projects:

- SQL Server 2008 and later
- Development with C# and the .NET framework
- Various scripting languages (Python, Ruby, VBScript, and PowerShell)
- Microsoft office development, with particular expertise in Excel VBA

- XML generation, parsing, and processing
- Object-oriented system design
- The Windows and OS X/macOS operating systems.

Education

- BS, Mathematics, University of Oregon (Phi Beta Kappa and summa cum laude).
- MS, Mathematics, University of Washington.

Presentations and Publications

- *Negatively Pinched 3-Manifolds Admit Hyperbolic Metrics.* Proceedings of the American Mathematical Society, Vol. 129, No. 10 (Oct., 2001) 3069-3077.
- *Boundary Regularity of Conformally Compact Einstein Metrics.* Journal of Differential Geometry, 69 (2005) 111-136.