
Taylor L. Riché, Ph.D.

Software Leader

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SKILLS

Generative AI, Agile Software Development, Agile at scale, Distributed computing, Programming Languages, Engineering Management, Product Ownership

EXPERIENCE

Emerson Test and Measurement, Austin, TX - *Director of Technology and Innovation Software*

October 2024 - PRESENT

- Lead the development of advanced software technologies that power Emerson's Intelligent Test solutions, helping customers drive greater efficiency and success.
- Focus on accelerating innovation across the software portfolio by harnessing the latest advancements in technology, such as generative AI.

National Instruments, Austin, TX - *R&D Director*

June 2011 - September 2024

- Consistently moved through the ranks from Staff Software Engineer to R&D Director with a stint in Product Ownership
- Multiple patents on compiler algorithms for NI's next-generation FPGA compiler

The University of Texas at Austin, Austin, TX - *Postdoctoral Fellow*

August 2008 - June 2011

- Researched how to embed expert knowledge on parallel programming into a model-based compiler

IBM, Austin, TX - *Software Engineer*

June 2000 - August 2001

- Created the IO subsystem for an object-oriented BIOS for IBM's first Intel Itanium based server product

EDUCATION

The University of Texas at Austin, Austin, TX - *MSCS, Ph.D.*

August 2001 - August 2008

Performed research in distributed computing, networking, model-based software engineering, and programming languages. Developed *Lagniappe*, a programming environment for mapping dataflow applications to parallel computer systems.

Tulane University, New Orleans, LA - *BSE*

August 1996 - May 2000