Imre Kifor

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Software Engineer

Interested in algorithmically seeking out contradictions and inconsistencies in deceitful text, specifically in "bipolar" legal text. With roots in compilers, graph layouts & database query synthesis (SQL), and high-performance server code, the last 7+ years of my NLP development focus and intensive structural modeling of "case text" led to my accumulated expertise in the convergence of algorithms and the law.

Technical Skills

• Deep Learning, NLP (natural language processing), semantic searches, graph algorithms, compilers
• Priority skills: Python, PyTorch, GPU/CUDA, Rust, Typescript, React, PostgreSQL, Tensorflow, Lean, Julia
• Relevant skills: Java (sold an EJB server), C/C++, Golang, Javascript, Lisp, dev ops (all Linux-based)
• Legal skills (with a systems/analytics/engineering perspective): Mass. and federal/constitutional code

Professional Experience[1]

Quantapix, Inc. - Founder   Jun 2011 - Present
   • https://qnarre.com (a "Quick Narrative Analyzer" project and theorem prover-based reasoning)
   • Focus on transformer models, semantic queries, narrative extraction, temporal logic & ordering
   • Legal cases are pre-trained and tuned in parallel with "bipolar" text, then evaluated for conflicts
   • The company is prepared to accept **1099 consulting contracts**

Full-time father   Jul 2007 - Apr 2011
   • Sole physical custodian of his then 3.5 yo twins

Valto Systems, Inc. - Founder/CTO   Jun 1997 - Mar 2001
   • Sole designer/developer of an embeddable Java/EJB server
   • Sold the two-person company to Allaire, Inc. for $25M

Boci Consulting, Inc. - Founder   Feb 1992 - Jun 1997
   • Software Architect/Consultant to Fidelity Investments (3 years), Putnam Investments, New
     England Mutual Life Insurance Co., Varian Semiconductor, and Syncra Systems, Inc.

Oberon Software, Inc. - Software Engineer   Jan 1991 - Feb 1992
Research Fellowship/Stipend - Digital Equipment Corp./Boston University   Sep 1986 - Jan 1991

Education

• Master Of Arts, Computer Science, Boston University, Boston, MA   1991
• University Diploma, Mathematics, Babes-Bolyai University, Cluj, Romania 1985

Management/Other Experience

Laser metrology/CAD design/structural synthesis/CNC prototyping   2011 - 2013
Real-estate development projects in FL and NH w/ $1M+ profit   Aug 2001 - Dec 2007

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[1]See the attached "Personal History" and video playlists at https://www.youtube.com/@ImreKifor