

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 Experience¹

Quantapix, Inc. - Founder	Jun 2011 - Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Sole physical custodian of his then 3.5 yo twins	
Valto Systems, Inc. - Founder/CTO	Jun 1997 - Mar 2001
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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

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| • 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

¹See the attached “Personal History” and video playlists at <https://www.youtube.com/@ImreKifor>