

Imre Kifor

Newton, MA 02464 | I have no phone¹ | quantapix@gmail.com | <https://github.com/quantapix>

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, and through high-performance server code, the last 5+ years of my NLP development focus and intensive structural modeling of “case text” lead to an accumulated expertise in the convergence of algorithms & the law.

Technical Skills

- Deep Learning, NLP (natural language processing), semantic searches, graph algorithms, compilers
- Priority skills: Python, Pytorch, Tensorflow, Julia, Typescript, React, GPU kernels/CUDA, PostgreSQL
- Dormant skills: C/C++, Java, Rust, Golang, Javascript, Lisp, sys admin (manage my own servers)
- Legal skills (with a systems/analytics/engineering perspective): Mass. and federal/constitutional code

Professional Experience

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| Quantapix, Inc. - Founder | Jun 2011 - Present |
| <ul style="list-style-type: none">• https://qnarre.com (an open-source “Quick Narrative Analyzer” project and interactive lab)• Focus on SOTA transformer models, semantic queries, narrative extraction, temporal ordering• Legal cases are pre-trained and tuned in parallel with “bipolar” text, then evaluated for conflicts• 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

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| 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 attached “Personal History” or <https://qnarre.com/history.pdf>