

# Imre Kifor

Newton, MA 02464 | I have no phone<sup>1</sup> | [quantapix@gmail.com](mailto: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 high-performance server code, the last 6+ years of my NLP development focus and intensive structural modeling of “case text” led to 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: Lean, Rust, Python, PyTorch, Typescript, React, GPU/CUDA, PostgreSQL, Tensorflow, Julia
- Dormant skills: Java, C/C++, Golang, Javascript, Lisp, sys admin (manage my servers)
- Legal skills (with a systems/analytics/engineering perspective): Mass. and federal/constitutional code

## Professional Experience

Quantapix, Inc. - Founder	Jun 2011 - Present
<ul style="list-style-type: none"><li>• <a href="https://qnarre.com">https://qnarre.com</a> (an open-source “Quick Narrative Analyzer” project and interactive lab)</li><li>• Focus on SOTA transformer models, semantic queries, narrative extraction, temporal ordering</li><li>• Legal cases are pre-trained and tuned in parallel with “bipolar” text, then evaluated for conflicts</li><li>• The company is prepared to accept <b>1099 consulting contracts</b></li></ul>	
Full-time father	Jul 2007 - Apr 2011
<ul style="list-style-type: none"><li>• Sole physical custodian of his then 3.5 yo twins</li></ul>	
Valto Systems, Inc. - Founder/CTO	Jun 1997 - Mar 2001
<ul style="list-style-type: none"><li>• Sole designer/developer of an embeddable Java/EJB server</li><li>• Sold the two-person company to Allaire, Inc. for \$25M</li></ul>	
Boci Consulting, Inc. - Founder	Feb 1992 - Jun 1997
<ul style="list-style-type: none"><li>• Software Architect/Consultant to Fidelity Investments (3 years), Putnam Investments, New England Mutual Life Insurance Co., Varian Semiconductor, and Syncra Systems, Inc.</li></ul>	
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

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<sup>1</sup>See attached “Personal History” or <https://qnarre.com/history.pdf>