

Maxim Noah Khailo

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OBJECTIVE Grow software for a better world.

EXPERIENCE **CTO** 2017-present

Meritlabs, Seattle, WA

- Building the next generation digital currency designed with safety, community, and scalability in mind.

Principle Engineer 2015-2017

FoxCommerce, Seattle, WA

- Built the core technologies for an e-commerce system using the event sourcing model with a machine learning pipeline.
- Guided the organization's technical decisions.
- Managed various projects from start to finish.
- Mentored engineers.
- Wrote a fast time series database called Henhouse.

Senior Architect 2008-2015

HERE Maps, R&D Department, Chicago, IL

- Designed and implemented a computer vision system which processed petabytes of data.
- Built innovative visual debugging and instrumentation tools for developing computer vision algorithms.
- Designed wire protocols to distribute and process data using ZeroMQ.

Software Engineer 2006-2008

SSS-Software, Lisle IL

- Designed and implemented a WMS compatible GIS mapping server.
- Wrote decoders for government and proprietary image formats from spec.
- Wrote a vector graphic map overlay renderer.
- Built a renderer of elevation data which supported lights and self-shadowing.

Research Programmer 2002-2006

North Central College, Naperville, IL

- Designed and implemented stock simulation software which ran on the university's computer cluster.
- Implemented dozens of stock indicators to experiment with various parametric optimizations and their performance on historical data.

FREE SOFTWARE Download at www.mempko.com

- **Merit** A digital currency for everyone.
- **Firestr** A P2P computation and communication platform.
- **Henhouse** A fast time series database.
- **NCC** A flexible component based 3D game engine.
- **Neural** Neural Net library and demos.

EDUCATION **Bachelor of Science**, Computer Science
North Central College, Naperville, IL January 2006