Kash Nouroozi
Back-end Developer

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🌊 Summary

Proven project developer lead with a track record of delivering scalable cross-functional business solutions from scratch.

Adaptive innovator that provides value across changing business requirements.

Empathetic problem-solver that loves to learn, laugh, and help others.

Experienced and productive in

- Ruby
- Python
- Rails
- MongoDB
- Elixir
- JS (ES2015)
- Redis
- PostgreSQL

👨🏾‍🎓 Education

University of Waterloo
Candidate for BASc in Systems Design Engineering, 2023

Bitmaker Labs / General Assembly
Youngest graduate of 9-week Full-stack Rails Bootcamp, 2014

Familiarity with

- Go
- C++
- Clojure
- React

☀️ Now in SF Software Engineering Intern
January 2019–April 2019 @ NavTalent

Developing **ETL** pipelines in **Python**, improving the resiliency of existing projects, **developing internal libraries** to improve developer output, and mentoring the other software engineering intern.

🔥 Before in Toronto Full-stack Developer
August 2016–March 2019 @ #paid inc.

Defined, coached, pair-programmed, and **supported developers** in the delivery of features and small projects for 1–4 hours a day to remove roadblocks and increase the throughput of our team.

Architect for **infrastructure** in **Elixir** to crawl social networks. Enabled #paid to:
+ Provide campaign performance reports and analytics to customers. (previously: Manual wrap-up reports)
+ Add 50,000+ creators to the onboarding funnel. (previously: 150 creators)

Interim head of the developer team for 6 months in the absence of a CTO. Communicated technical considerations to the VP of Design & VP of Product, allowing informed product roadmap decisions.

Special projects lead for major features, time-sensitive bugs, necessary refactorings, and software architecture with **Rails**, **Python**, and **JavaScript**.

💐 Always Learning Predictive Modeling

Developing a model for efficient portfolio asset allocation. The original algorithm would compute a massive matrix, then filter. Redesigned to a mergesort-like algorithm. Profiled and refactored to reduce allocations. Originally implemented in **Python**, then engineered in **Julia** for speed.

Interested in developing reinforcement models for portfolio management and using deep learning for music generation, regression/classification on structured datasets, time series modeling. Completed the **Fast.AI Deep Learning 1 lecture series** (Jeremy Howard, SFSU), reading the **Deep Learning Book** (Goodfellow et. al).

🌈 Open Source

CSV.js *JavaScript*
A simple, blazing-fast CSV parser and encoder.
⭐ 1,454 GitHub stars, 5,000–15,000 weekly downloads
npmjs.com/package/comma-separated-values

geocoder *Elixir*
The go-to geocoding solution for Elixir.
⭐ 54 GitHub stars, 37,161 all-time downloads
hex.pm/packages/geocoder