

Kash Nouroozi

Production-Tested Skills

- **Lead developer at a startup that grew from 12 to 35 over 2 years.**
- Known to brew tea for someone who would appreciate it, or surprise everyone with pastries. A passion for making memorable moments.

(4+ years) Ruby (& Rails)
(1+ years) Elixir (& Phoenix)
(1+ years) Python (& SciKit Learn, Pandas, Flask)
(2+ years) ES2017 (& Express, React), CSS, SCSS
(2+ years) Redis, PostgreSQL, MongoDB
OAuth2, Git, Unix, Docker, AWS

Education

- Graduating 4/2023. Candidate for BAsC in *Systems Design Engineering* at the University of Waterloo in Canada.
- 2014, youngest graduate (at age 16) of the *9-week Full-Stack Rails Bootcamp* at Bitmaker General Assembly, Toronto.

Notable courses

- *Human Factors (UX Design)*, University of Waterloo, 2019
- *Practical Deep Learning for Coders*, University of San Francisco, 2018

Experience

2+ years at **#paid** as Lead Full-Stack Developer in **Toronto** from 7/2016–3/2019

- *“I had the pleasure to work with Kash for over 2 years. Over that time I was continually impressed with his energy, ambition and eagerness to help people and solve problems.”* — Adam Jarczyn, VP of Product
- **Fastest developer on the team as measured by story points completed per month.** First responder for bugs; responsible for 90%+ of fixes. Crafted end-to-end features with **jQuery**, **SCSS**, **Bootstrap**, **Rails**. Improved various page load times through a variety of methods. **Recognized for excellent code quality.**
- Anticipated the need to manage collaborations across social networks and **spearheaded the V2 of our collaboration management software.** Performed UX research with internal users and coordinated with design to refine initial mockups. Developed back-end system architecture using **Rails**, **PostgreSQL**, and **TDD**. Implemented the front-end using **jQuery**, **SCSS**. **V2 increased active campaigns per account manager — a company-wide KPI — by 40%.**
- **Interim CTO from August 2017–January 2018.** Onboarded an all-new 4-person engineering team. Noticed a breakdown in flow during design-developer handoff, performed root cause analysis, and established developer consultations as part of the design process. Pair-programmed with developers to increase their familiarity with the codebase.
- **Developed a multi-social network scraper from scratch to power ad performance analytics**, which provided the data to create a client-facing analytics dashboard instead of a manual wrap-up report. Consulted stakeholders, developed a specification, architected, and developed using **Elixir** and **TDD**. Backed by **MongoDB**. Deployed to **AWS** using **Docker** and **Jenkins**, integrated with **DataDog**. **Scaled from 1,800 to 18,000 requests per hour.**
- Recognized the opportunity for a runoff effect and partnered with a teammate from the Creator Acquisition team to develop a Virtual Assistant pipeline to process scraped social network data captured by the multi-social network scraper. **Added 50,000+ creators to our onboarding pipeline** (previously, 150+).

4 months at **Q Labs** as a Software Engineering Intern in San Francisco from 1/2019–4/2019

- *“Kash brought outstanding technical skills and professional maturity beyond his years. His attitude of taking any problem and figuring it out is exceptional.”* — Jordie Hannel, CEO
- **Increased a Forbes 500 client’s revenue by 10s of millions of dollars a year** by productionizing data science models and analysis. Crafted a developer experience with **Docker** and **Redash**, developed ETL pipelines using **Python & Luigi**, and deployed to a peculiar **RHEL** environment.

Before next summer, 4 months at **TimeSaved Inc.** as a Frontend Developer in Toronto from 9/2019–12/2019

- **Increasing development velocity by implementing a complete design system in React and establishing project architecture.** Assisting with UX research and contributing to the design system by applying fundamentals of UI and interaction design.

Notable Projects

Author of **CSV.js**

★ 1,460 GitHub stars, 5,000+ weekly downloads on NPM
Between May and November 2014, CSV.js was the **fastest in-browser CSV encoder/decoder.**

Falchion & Artemis

Developed a stock portfolio optimizer by utilizing a BFS with backtracking in **Julia**. Collected cryptocurrency OHLC data on a 5-minute interval with 100% uptime for 6 months using **Elixir**.

MyMixes

Developing a Messenger bot that delivers funky fresh artist recommendations and helps users organize their new music. Using **Node**, **Rails**, the **Spotify API**, and deploying using **Kubernetes**.

Try Hard — The Automagic Agenda

Designed and prototyped an automatic to-do list of important dates for my class. Onboarded ~50/100 students in my class. **40+ weekly users. 10+ DAU.**