Chris Pryer

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Work Experience

- Senior Engineer, NFI Industries
  March 2020 - Present, Camden, NJ
  - Lead NFI's Digital Twin team, creating new modeling infrastructure and shipping fully integrated model-driven features to production transportation management systems.
  - Improve engineering productivity 10x through continuous integration (CI), new databases and redesigns, new or improved ETL, custom infrastructure tooling, and automation projects.
  - Expanded engineering team to manage emerging development and consulting initiatives by partnering with executive leadership.
  - Lead efforts to establish a new internal integration of a GitHub Org, Metabase, and a Slack workspace to improve user-to-developer feedback and general productivity during COVID-19.
- Engineer, NFI Industries
  May 2017- March 2020, Voorhees, NJ
  - Developed an internal pricing tool web application for R&D to launch pricing tools research.
  - Developed genetic algorithms for driver scheduling and transportation modeling to fill existing software gaps.
  - Developed cross-dock simulations for customers' wishlist consulting engagements.
  - Developed large-scale supply chain models including but not limited to transportation optimization, network optimization, simulation, and inventory strategy.

Skills (GitHub: https://github.com/chrispryer)

- Python, SQL Server (MSSQL/TSQL)
- Git, GitHub, VSCode, GCP, Metabase, Vagrant
- Involved in open source since 2015

Side Projects

- Next.js and Electron apps for web2 scale (goal: learn TypeScript, React, D3.js, Docker, cross-platform desktop apps, distributed architecture, and microservices)
- Web3 app on Solana (goal: learn protocol and web3 development)
- Discord bots (goal: learn Go and unique asynchronous apps)
- Parsing libraries (goal: learn Rust)
- Tooling for flat file consolidation
- Self-education material

Education

- Management Information Systems - B.S., Rowan University
  - Served as Rowan's Web Development Committee lead for the ACM Club from 2016-2017.
  - College credits and self-studies for Computer Science and Mathematics.