CHRIS KIRK SOFTWARE ENGINEER

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 cperryk

As a software leader with a decade of experience, I've worked across a wide variety of problem spaces and technologies, playing critical roles in high-profile projects. My passion is building innovative products and world-class engineering teams.

EXPERIENCE

Peloton
Engineering Manager
Feb. 2022 – Present | New York City | Full time

- Leads the backend engineering team responsible for the content discovery and management experiences serving Peloton's 7 million members, balancing the interests of dozens of stakeholders from across the company, including partners in Product, Marketing, Production, and Engineering, with a focus on maximizing business value
- Trains, coaches, mentors, and manages a hybrid team of 10 direct reports ranging from junior to staff level, defining processes, policies, and support structures
- Oversees a long-running effort to migrate hundreds of endpoints from a Python monolith to event-driven microservices fronted by a GraphQL gateway
- Led of a cross-functional project team of 15 engineers to deliver a suite of successful new features to improve the workout experience for Peloton members, such as Movements and Body Activity
- Established a standardized recruitment process for all backend teams, allowing them to hire quickly and effectively

Software Engineer
Feb. 2021 – Feb. 2022 | New York City | Full time

- After four months of IC work, transitioned to a management-focused role, leading a unit of six engineers responsible for engagement-boosting workout features
- Drove significant improvements to the engineering onboarding experience, shortening the path to productivity for new hires across all product backend teams

- Successfully led an effort to define team ownership over several hundred resources, allowing Peloton to maintain operational excellence as it scaled

Lifion by ADP
Lead Platform Engineer
2018 – 2021 | New York City | Full time

- As functional lead of a team of eight engineers responsible for Lifion's client management system, organized project work, set architectural direction, and worked closely with product stakeholders
- Mentored other engineers and gave technical presentations weekly
- Designed and implemented a new federated GraphQL API, backed by TypeScript microservices
- Reworked outdated domain models and systems with a focus on test-driven development, multi-paradigm programming, and domain-driven design
- Successfully led a team of developers to deliver a new data processing tool under a critical deadline

New York Magazine
Senior Full-Stack Engineer
2016 – 2018 | New York City | Full time

- Spearheaded the full-stack engineering of The Cut's homepage redesign, including the Node microservice that populates homepages with content per editorial configurations
- Designed a client-side JavaScript dependency analysis and bundling system, shrinking response payloads on article pages up to 18 percent globally
- Contributed to the in-house, Vue-based content-management system and page editor

- Built The Year In Memes, a National Magazine Award finalist

Slate.com
Lead News Apps Engineer
2012 – 2016 | New York City | Full time

- Built interactive visualizations, widgets, and games using Node and React
- Developed apps that told important stories about gun violence, dark money, and gentrification
- Produced some of Slate's most recognizable work, including the Game of Thrones Graveyard and the Outrage Calendar, a National Magazine Award finalist
- Developed games, such as the Gerrymander Jigsaw Puzzle and the Starbucks Quiz, as well as a production platform for creating audio and video quizzes
- Built Slate's Gun Deaths project, featured on NPR, MSNBC, and *The Daily Show*
- Built a desktop email client and chronicled the project in a long-form essay
- Managed a junior engineer and three interns
- Broke Slate's all-time traffic record with the "Travoltify Your Name" generator

City University of New York
Adjunct Lecturer
2015 – 2016 | New York City | Part time

Taught data journalism, HTML, JavaScript, and R to graduate students with my own coursework

Yahoo!
New Media Intern
Summer 2010, Summer 2011 | Sunnyvale | Full time

Evaluated geoparsing software for a new hyperlocal news product

EDUCATION

Northwestern University
Graduated March 2012
Magna Cum Laude

- ☑ Bachelor of Science in Journalism
- ☑ Double major in Political Science
- ☑ Completed coursework in computational journalism and computer programming

SKILLS

JavaScript	DataDog	TypeORM
TypeScript	RxJS	Webpack
Node	Jest/Mocha	Git
GraphQL	Express	MySQL
Apollo	Kinesis	MongoDB
React	Vue	SASS
Redux	Docker	AWS
Kubernetes	Knex	Python
Terraform	jQuery	Golang
Elasticsearch	D3	R

RECOGNITION

- 🏆 Finalist, Multimedia Feature, National Magazine Awards 2017
- 🏆 Best Single-Topic News or Feature, Education Writers Association, 2016
- 🏆 Finalist, Multimedia Feature, National Magazine Awards 2015
- 🏆 1st Place, Multimedia Feature, Associated Collegiate Press 2011