CHRIS KIRK SOFTWARE ENGINEER

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 cperryk

I'm a software engineer with a decade of experience. I've worked across a variety of problem spaces on teams both large and small, playing critical roles in high-profile projects. My raison d'être is finding the elegant solution in every complex problem.

EXPERIENCE

Lifion by ADP
Senior Platform Engineer
2018 – Present | New York City | Full time

- Designed and implemented a new GraphQL API, backed by Typescript microservices
- Stitched several GraphQL services into a single API gateway
- Lead my team's adoption of TypeScript and GraphQL
- Mentors junior devs and gives technical presentations monthly
- Played a key role architecting a critical tool under a tight deadline
- Worked to refresh domain models and rebuild legacy systems
- Developed a new end-to-end testing tool in Typescript

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

- Architected Node microservices to manage various aspects of the NyMag ecosystem
- Spearheaded the front-end and back-end engineering of The Cut's homepage redesign
- Worked on Node codebases as well as Python, GoLang, Java, and Scala systems
- Built The Year In Memes, a National Magazine Award finalist
- Contributed code to the in-house content platform and its Vue-based page editor

- Engineered a dynamic bundling system for client-side JS, reducing response payloads up to 18 percent
- Oversaw Elasticsearch and Mongo upgrades and migrations
- Migrated a content-heavy site to its own domain with SSL

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

- Coded full-stack in Javascript, using Express and React to make interactive data visualizations, games, and news apps
- Built apps that told important stories about gun violence, dark money, and gentrificaton
- Created some of Slate's most recognizable work, including the Game of Thrones Graveyard and the Middle East Friendship Chart
- Developed news games, such as the Gerrymander Jigsaw Puzzle, Slate Friday News Quiz, Electoral Map Quiz, and Starbucks Quiz
- Built the Outrage Calendar, a National Magazine Award finalist
- Architected a dynamic quizzing platform for producing audio and video quizzes
- Crafted a Node-based desktop email client and chronicled the effort in a long-form piece
- Managed one junior interactives developer and three interactives 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 grad students with my own coursework

Pittsburgh Post-Gazette
News Apps Intern
Fall 2011 | Pittsburgh | Full time

- Engineered news apps, including an interactive timeline of the Penn State scandal

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

- Evaluated geoparsing software crucial to product strategy

Freelance Web Development
2007 – 2014 | Part time

- Built websites for small businesses, including a national eyeglass repair franchise

Evanston Now
News Reporting Intern
Summer 2010 | Evanston, IL | Full time

- Covered city council and crime, producing 63 stories, including 11 video stories

EDUCATION

Northwestern University
Graduated March 2012

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Bachelor of Science in Journalism

Double major in Political Science

Magna Cum Laude

SKILLS

Javascript	MVC	MySQL
TypeScript	jQuery	MongoDB
React/Redux	D3	SASS
React Native	JWT	CSS Grid
Node	Babel	HTML Canvas
Elasticsearch	Webpack	AWS
Jest/Mocha	Browserify	PHP
Express	RequireJS	Python
Kubernetes	Git	Unix
Kinesis	Grunt/Gulp	Golang
Vue	Handlebars	R
Docker	Leaflet	

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

First Place, Multimedia Feature, Associated Collegiate Press 2011

First Place, Photo Essay in a Daily Newspaper, Ill. College Press Assoc. 2010