

Cam Pedersen
Cleveland, OH (Remote)
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github.com/ecto twitter.com/campedersen campedersen.com

JavaScript, React, Redux, GraphQL Node, Ruby, Golang, PHP PostgreSQL, Redis zsh, vim

EXPERIENCE	Depict Art display Principal Engineer	April 2017 - Present San Francisco, Remote
	<ul style="list-style-type: none">• Mentored engineers + introduced software development processes• Architected and implemented API with full test coverage (Rails, Node, GraphQL)• Built tooling and processes while in China to unlock manufacturing (React)• Designed and implemented streaming financial rollup calculations (Stripe)• Increased firmware stability by implementing server based architecture (IoT)	
	Uber Ride sharing Software Engineer	March 2016 - April 2017 San Francisco
	<ul style="list-style-type: none">• Implemented scheduling algorithms for autonomous vehicles (Go, React)• Migrated admin panel from monolith API to microservices (Node, Python)• Rebuilt m.uber.com with modern web technologies (React, Redux)• Contributed to and maintained isomorphic graph request library (Node)	
	Imgur Social network Full Stack Engineer	February 2015 - March 2016 San Francisco
	<ul style="list-style-type: none">• Implemented system for sending push notifications to millions of devices• Wrote nearly 1000 integration tests for an untested codebase• Identified and corrected caching logic problem, reducing database load by 10%• Pushed over 1,000,000 LOC including bug fixes, tests, refactors, and features• Architected and wrote next generation API, collaborating with all teams	
	SpiderOak Secure backup Software Engineer	January 2013 - February 2015 Remote
	<ul style="list-style-type: none">• Implemented cryptographic framework - campedersen.com/crypton.pdf• Ported Linux VFS concepts to JavaScript• Developed end-to-end encrypted chat, diary, and file storage apps• Wrote and presented white paper at Hack in the Box Malaysia 2014	
	Onswipe Content publishing Lead Engineer	July 2011 - December 2012 New York City
	<ul style="list-style-type: none">• Architected microservice backend with node.js, PHP, Redis, MySQL, MongoDB• Wrote internal company-wide dashboard for managing all data• Architected and implemented analytics platform, handling more than 1M events/day• Rewrote user-facing dashboard, including realtime analytics for publishers• Performed devops/maintenance for over 40 servers in production	
EDUCATION	University of North Dakota, Grand Forks, ND	September 2009 - January 2010
REFERENCES	Available upon request	