

Cam Pedersen
Cleveland, OH (Remote)
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emerald.io **github.com/ecto** **campedersen.com**

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

- EXPERIENCE**
- Emerald** Digital studio April 2019 - Present
Founder Remote
- Building web and mobile applications (Rails, React, React Native)
 - Engineering first versions of clients' product concepts, aiding in time to market
 - Modernizing legacy applications to improve monetization and user experience
- Depict** Art display April 2017 - April 2019
Principal Engineer San Francisco, Remote
- 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 March 2016 - April 2017
Software Engineer San Francisco
- 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 February 2015 - March 2016
Full Stack Engineer San Francisco
- 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 January 2013 - February 2015
Software Engineer Remote
- 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 July 2011 - December 2012
Lead Engineer New York City
- 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