

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

JavaScript, React, Redux, Webpack Node.js, Ruby, Golang, PHP SQL, Redis, Memcached AWS, Linux, zsh, vim

EXPERIENCE

Depict

April 2017 - Present

Engineer (San Francisco, Remote)

- Implemented manufacturing software and processes in China (RPI, Next.js)
- Architected and implemented API with full test coverage (Ruby on Rails, Node)
- Resolved several hardware and firmware design problems (Java)

Uber

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

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

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

July 2011 - December 2012

Lead Engineer (New York City)

- Architected distributed 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 external dashboard, including realtime analytics for publishers
- Built custom lexical search/indexing server
- 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