

Cameron Pedersen

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github.com/ecto

EXPERIENCE	<i>Software Engineer</i>	January 2013 - Present
	SpiderOak (Remote, San Francisco)	
	<ul style="list-style-type: none">• Implemented cryptographic framework - https://crypton.io• Produced promotional video for Crypton• 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	
	<i>Lead Engineer</i>	July 2011 - December 2012
	Onswipe (Union Square, New York)	
	<ul style="list-style-type: none">• Architected distributed backend with node.js, PHP, Redis, MySQL, MongoDB• Wrote internal company-wide dashboard for managing all data• Architected and implemented realtime, geocoded analytics platform which handled more than 1,000,000 events per day• Rewrote external dashboard (~10,000 LOC) in 2 weeks. Included realtime analytics for publishers• Wrote over 30 public node modules in my spare time• Built lexical search/indexing server• Performed devops/maintenance for over 40 servers in production	
	<i>Software Engineer</i>	March 2011 - July 2011
	The Nerdery (Bloomington, Minnesota)	
	<ul style="list-style-type: none">• Lead developer on multiple projects• Wrote Zend application for Mayo Clinic internal video portal• Learned Drupal class system in 1 week, wrote several modules and themes for Best Buy campaign• Wrote API for internal dashboard and CLI for timesheet in spare time• Implemented RadioshackDIY campaign mobile site	
	<i>Further experience listed upon request</i>	
EDUCATION	University of North Dakota, Grand Forks, ND	September 2009 - January 2010
REFERENCES	<i>Available upon request</i>	
SKILLS/HOBBIES	<ul style="list-style-type: none">• Wrote open-source library that allows users to write Arduino programs in JavaScript. Implemented custom protocol in C• Enjoy reading about math, algorithms, electrical engineering• Built flight controller for quadcopter with Arduino• Passion for video production, editing, and graphics• Can cook adequate solid rocket fuel	