

Mark Solters

{ type : developer, website : <http://marksolters.com> }

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EXPERIENCE

SharpSpring, Gainesville — *Staff Engineer*

SEPTEMBER 2017 - PRESENT

Design, develop, operate and manage cloud services continuously deployed to Kubernetes. Provide on-call incident response. Architect policies and software that automate and stabilize a large and diverse ecosystem of devs sharing Git-based projects, providing DevOps guidance and support.

Driblet Labs, Cambridge — *Lead Developer*

JANUARY 2015 - SEPTEMBER 2017

Mesh-connected IoT water management and control technology. Implemented realtime web app in JS & embedded firmware in C. Work closely with EE and mech design teams; agile software and robotics development.

Freelance, Gainesville — *Web Developer*

NOVEMBER 2013 - DECEMBER 2014

Building custom web applications, primarily on LAMP stacks. Work with distributed design and management teams.

EDUCATION

University of Florida, Gainesville — *BSc Physics*

SEPTEMBER 2009 - MAY 2013

Worked in the Axion Dark Matter EXperiment (ADMX) research lab while an undergraduate, dealing with ultra-cold electronics design. Participated in a 3-month long research internship programming software to analyze navigation and sensor data onboard particle detectors in low-altitude Earth orbit.

OPEN SOURCE

OTA for Contiki (CC26XX) — *CC26XX SoC*

Developed an over-the-air firmware update feature for ContikiOS, allowing distributing and self-flashing of firmware across a CSMA mesh via HTTP or CoAP fragmentation, for Cortex-M3 based devices

SKILLS

Fullstack Web Development

SQL/noSQL DB Admin

Git

C(I/D) Orchestration

Linux

Kubernetes

Google Cloud Platform/AWS

Embedded/Low Power RTOS

DevOps

MISC

Eagle Scout Boy Scouts of America, Troop 110

Bagpipes Highland & Uilleann

Keyboards Piano/Hammond organ

LANGUAGES

HTML5/(C|LE|SA)SS

NodeJS, ES6, CoffeeScript

C(++)

Python

PHP

Golang