

Chuck Dries

Software Engineer • Web Developer • Teacher • Eagle Scout

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(Moving to Portland in September)

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Skills

Web Development	HTML, CSS, Modern Javascript, Vue, React, Typescript, MongoDB and some SQL
Programming & Ops	Docker, Git, and Bash With some hands on with Kubernetes, Java, Python, and C# with Unity
Design	Photoshop, InDesign, After Effects, Premiere Pro
Etcetera	Leadership, management, and teaching experience, some hands on with KVM/ LibVirt/QEMU

Work Experience

Axosoft <i>January 2018 - present</i>	<i>Software Developer</i> <ul style="list-style-type: none">• Worked on Gitkraken Boards, a kanban tool. Implemented features in React frontend and microservice-based Express/Mongo backend<ul style="list-style-type: none">• Owned the Cordova-based mobile app and build toolchain• Migrated our developer environment from docker-compose on dev laptops to Kubernetes with skaffold in AWS• Work on the account site, which handles auth and registration for Boards and timelines, all purchasing flows, license management, and more. Spearheaded a ground-up rewrite in Typescript and React• Work on account and payment systems backends in Express and Mongo
The State Press <i>August 2016 - December 2018</i>	<i>Digital Developer (Spring 2016, Fall 2017, Fall 2018), Graphics Editor (Fall 2016)</i> <ul style="list-style-type: none">• Created the Graphics desk to meet the needs of a new generation of news media• Directly managed and assigned stories to artists and graphic designers working on routine content, while creating and codifying procedures for the new desk• Developed unique interactive content for high profile stories, such as a searchable database of ASU employee salaries and interactive map of the university's parking ticket income on campus
Desert Community Robotics <i>March 2013 - July 2016</i>	<i>Teacher</i> <ul style="list-style-type: none">• Taught classes on Lego Mindstorms robotics, video production, basic physics• Ran a technology summer camp that included everything listed above and Seaperch underwater robotics

Education

Arizona State University <i>Fall 2015 - Fall 2018</i>	<i>BS Computer Science - not completed</i> <ul style="list-style-type: none">• I still come back every fall to guest lecture in one of my favorite professors' web development class
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Other Projects

Easy SMS <i>Opportunity Hack 2018 (3rd place)</i>	<ul style="list-style-type: none">• Dead simple SMS automation for charities that need to notify people of events• Focus on easy to use UI, and CSV import/export as a first class citizen• Vue, Vuex, Node, Twilio API
RPS-MMO <i>Sunhacks 2017</i>	<ul style="list-style-type: none">• Browser based rock-paper-scissors tournament against any number of opponents• Focus on limiting scope and a polished MVP rather than wide featureset• Vue, Vuex, Node, socket.io
Medication Tracking Solution <i>Opportunity Hack 2017 (1st place)</i>	<ul style="list-style-type: none">• Allows foster organization Sunshine Acres to track and report medication given to foster children per Department of Child Safety requirements• Two frontends to best meet requirements: a data rich and flexible admin panel for healthcare administrators, and a simple mobile-first client for foster parents• Vue, Vuex, Typescript, Node, Express, and MySQL
Virtual Keyality <i>Desert Hacks 2017 (1st place)</i>	<ul style="list-style-type: none">• VR Typing Game in Unity• Uses SteamVR API for virtual reality and AWS Lambdas to queue up words (There was a prize category for using AWS stuff)