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Experience

Front-End Engineer @ AutoGravity (Jan 2018 – Current)
Tools: React, Redux, Next.js, Storybook.js, Sass, Emotion, Node, Express, Docker, Jenkins, Jest, Enzyme
- Went from mock to implementation for dozens of features in our flagship app, our widget, and US Bank private label application (usbank.autogravity.com).
- Combined Storybook integration, web-perf media creation guidelines, SVGO config, to lead removal of dozens of redundant implementations. Side-effect: reduced flagship application bundle by 4%.
- Architected data model for Contentful CMS integration, aligning between web and mobile apps.
- Integrated CMS to whitelabel flagship application. (guidetolenders.autogravity.com).
- Reduced CI build-time by 30% by introducing a multi-stage Dockerfile and declarative pipeline Jenkinsfile with parallelized steps.

Developer @ Laika [Internship] (Jul 2017 – Oct 2017)
Tools: React, Redux, Python, Django
- Customized an open source Python conversion script for PyQt Maya Extensions, implementing a codemod to successfully upgrade over 1000 custom extensions.
- Created an interactive map of the studio with the ability to filter and search for people, equipment, scenes, and shoots. Every touch-screen TV in the studio had the map displayed at all hours. Displayed location of large, mobile equipment in real-time via raspberry-pi beacons.

Full-Stack Web Developer @ Charter Communications [Contract] (Jun 2017 – Aug 2017)
Tools: Vue.js, Django, jQuery
- Transitioned internal MVC Django application with jQuery to a Vue.js SPA with Django REST Framework API, eliminating thousands of lines of (mostly templating) code in the process.

Software Engineer @ University of Oregon Center on Teaching & Learning (Nov 2016 – Jul 2017)
Tools: Selenium, Cordova, JavaScript, jQuery
- Promoted from QA Engineer to Software Engineer in May.
- Upgraded legacy Cordova application from version 3 to 7.
- Used Selenium to end-to-end and regression tests on multiple web applications. Developed unit and e2e tests with user stories for Cordova mobile app (dibels.uoregon.edu/market/hifi).

Open Source – (Please see GitHub)
- **OperationCode** – Front-End Lead of non-profit working to get veterans into the tech industry. [URL]
- **Storybook** – Maintainer and contributor focusing on presets and webpack configuration. [URL]
- **Next.js** – Contributor focused on Next plugins and static export parity. [URL]

Side Projects – (Please see GitHub)
- **RingoStarr** – C++ (Arduino) source code for musically-activated, dancing robot. [URL]
- **LOST Inventory** – Flask MVC web app for authenticated tracking of general inventory. [URL]

Education
Computer Science – University of Oregon (2012 - 2017)