

KYLE HOLMBERG

714.715.3282 | KMH@UOREGON.EDU

[LINKEDIN.COM/IN/KYLEMH](https://www.linkedin.com/in/kylemh) | [GITHUB.COM/KYLEMH](https://github.com/kylemh) | [KYLEMH.COM](http://kylemh.com)

EDUCATION

+ Bachelor of Science, **Computer Science**

University of Oregon (June 2017)

- Minor: Business Administration

- Notable Courses:

Algorithms, Data Structures, Operating Systems, Software Engineering, and Database Issues.

SKILLS

+ **Programming Languages:** Python, JavaScript (Vanilla, ES5, and ES6), C, and C++

+ **Back-end:** Flask, Django, RESTful APIs, Cordova, PostgreSQL, MySQL, SQLite

+ **Front-end:** React.js, Vue.js, Sass, HTML5, CSS3, d3.js

+ **Infrastructure:** Git, Command Line (Bash), Selenium, Webpack, Gulp.js, Jira, Heroku, Docker

+ **Graphic Design:** Adobe Photoshop, Illustrator, and Experience Design (Wireframing)

PROJECTS

+ **LOST Inventory Tracker** – lost-app.herokuapp.com

Independently engineered a full-stack, Flask web application used for reporting and moving assets between facilities. Utilized a custom Postgres database without an ORM (to highlight SQL syntax knowledge), and designed a RESTful API for user activation and deactivation.

+ **FPL Data Visualization** – ix.cs.uoregon.edu:5010

Designed an asynchronous Python web scraper capable of parsing 40 REST API endpoint requests per second. Outlined results of Premier League data with a Flask web application, a custom MySQL database, d3.js, and a Jupyter Notebook.

+ **Ringo Starr**

Managed team that developed an integrated system for a music-activated, dancing robot. Successfully connected a computer-on-module, a "Ringo" robot, microphone, and IR transmitter.

EXPERIENCE

+ **Full-Stack Web Developer** – (Under Contract To) Charter Communications (June 2017 – Present)

Acted in a small team setting to update, refactor, and scale an existing internal platform to prepare for national release. Responsibilities included updating Django from 1.3 to 1.11 and integrating Vue.js as a front-end replacement to Django's templating.

+ **Software Engineer** – University of Oregon (May 2017 – Present)

Promoted from QA Engineer to Software Engineer at the Center on Teaching & Learning. Created build configurations for CI of HiFi Reader Cordova application. Updated platform from Cordova 3 to 7. Currently upgrading other internal libraries and automating the app store signing process.

+ **Software QA Engineer** – University of Oregon (Nov 2016 – May 2017)

Used Selenium to conduct unit and regression tests on multiple web applications. Developed tests and user stories for Cordova mobile app for the Center on Teaching & Learning's HiFi Reader app (dibels.uoregon.edu/market/hifi).

+ **Front-End Developer** – OperationCode.org (Jan 2017 – Present)

Leading contributor to the React.js front-end redesign of a non-profit, open source organization. Authored the style-guide and was directly involved with many system-level decisions. Designed the initial file structure and - as a group and independently - implemented various pages.