

KYLE HOLMBERG



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EDUCATION

+ Bachelor of Science: **Computer Information Science**
University of Oregon (June 2017)
- Minor: *Business Administration*

SKILLS

- + **Programming Languages:**
Python, JavaScript, C, C++, Java, and Swift
- + **Front-End:**
HTML, CSS, Sass, and (learning) React.js and Vue.js
- + **Back-End:**
Flask, Django, RESTful APIs, and Postman
- + **Infrastructure:**
Git, Gulp.js, Docker, Terminal (Bash), MySQL, Postgres, Jira
- + **Graphic Design:**
Adobe Photoshop, Illustrator, and Experience Design

PROJECTS

- + **Ringo Starr:** Managed team that developed an integrated system for a music-activated dancing robot. Utilized computer-on-module, an Arduino-programmed robot, and other pieces of hardware (like infrared transmitter).
- + **FPL Data Visualization:** Created an exploratory report into Fantasy Premier League statistics. Utilized a Python webscraper on FPL's API, MySQL database design, Flask web application, d3.js, and Jupyter Notebooks.
- + **LOST Inventory Tracker:** Solely engineered a full-stack web application, with Flask and Postgres in the back end. To be deployed via Heroku on a Docker/Travis-CI webpack using NGINX and gunicorn.
- + **Pthread-based Network Driver:** Developed a multithreaded demultiplexor in pure C. Program is written for a Linux/Unix architecture and manages data with a scheduling packet buffer.

EXPERIENCE

- + **Software QA Engineer**, *University of Oregon (Nov 2016 – Present)*
Utilized Selenium IDE in conjunction with TamperMonkey to conduct unit and regression tests on multiple web applications.
- + **Cadet**, *U.S. Army (Sep 2012 – Feb 2015)*
Led groupings of up to 150 soldiers in coordinated maneuvers and trainings.
- + **Volunteer**, *Relay For Life (2015 – 2017)*
Manager of fundraising booth for my social fraternity (Phi Gamma Delta) raising over \$1500 to date.