

KYLE HOLMBERG



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EDUCATION

+ *University of Oregon* (Sep 2012 – Jun 2017)

- Bachelor of Science: Computer Information Sciences
- Minor: Business Administration
- Notable Courses: Operating Systems, C/C++ & Unix, iOS Development, Data Structures, Algorithms, Software Engineering, and Database Processing.

TECHNOLOGIES

- + Languages: Python, Java, C, C++, Swift, HTML, CSS, Sass, Javascript, PHP
- + Databases: MySQL, PostgreSQL, SQLite, MongoDB
- + Frameworks: Flask, Bootstrap, Bulma, Django
- + Various: Git, Linux/Unix, Gulp, Selenium, Jenkins, JIRA, Postman, SoapUI
- + Design: Adobe Photoshop, Illustrator, and ExperienceDesign

PROJECTS

+ *Ringo Starr*: Manager of a team that developed an integrated system involving a computer-on-module, an Arduino-powered robot, and a breadboard supporting a microphone and IR transmitter. Main responsibilities included implementing a distributed development plan using OOP principles, developing the microphone and infrared transmitter communication module, and choosing the music.

+ *FPL Data Visualization*: An exploratory report into Fantasy Premier League utilizing Python to get data via an API end-point, Jupyter (and Matplotlib) to outline statistical analysis, and d3.js to visualize data presented via a LAMP stack web app. Main responsibilities included developing the web scraper, creating the database design, and deploying the web app.

+ *Trask*: iOS application for on-the-go management of scrum boards. This large program is a work-in-progress and was programmed solely by me using Swift 2.3.

+ Websites: kylemh.com, fjigiducks.com, bota.uoregon.edu

EXPERIENCE

+ Software QA Engineer, *University of Oregon* (Nov 2016 – Present)
Implemented handcrafted Selenium scripts to conduct unit, regression, and vulnerability testing on web apps run by the Center for Teaching and Learning at the University of Oregon.

+ Cadet, *U.S. Army* (Sep 2012 – Feb 2015)

Led groupings of up to 150 soldiers in coordinated maneuvers, trainings, and exercises as part of training to become an officer.

+ Lifeguard, *Wild Rivers Waterpark* (May 2009 – Aug 2011)

Earned certifications for AED, First Aid, CPR, and Bloodborne Pathogens.

+ Volunteer, *Relay For Life* (2015 – 2017)

Manager of relay booth for my social fraternity, Phi Gamma Delta, in order to raise money for *Relay For Life*.