KYLE HOLMBERG

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EDUCATION

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

TECHNOLOGIES

+ **Programming Languages**:
   Python, C, C++, HTML, CSS, Sass, Java, JavaScript
+ **Frameworks / Libraries**:
   Flask, Django, Bootstrap, Bulma, Jupyter, SQLAlchemy, d3.js
+ **Development Tools / Other**:
   Git, Linux/Unix, Bash, Gulp, Selenium, Jenkins, JIRA, Postman, Docker
+ **Databases**:
   MySQL, PostgreSQL, SQLite
+ **Graphic Design**:
   Adobe Photoshop, Illustrator, and XD

PROJECTS

+ **Ringo Starr**: Managed team that developed an integrated system for a music-activated, dancing robot. Utilized computer-on-module, an Arduino-ready robot, and various pieces of hardware.

+ **FPL Data Visualization**: Created an exploratory report into Fantasy Premier League utilizing a Python web scraper, a Flask web app, Jupyter, and d3.js to visualize data.

+ **LOST Inventory Tracker**: Engineered a full-stack web application from the ground up, using Linux, Apache, PostgreSQL, and Flask for tracking and ordering items with different user classes, across multiple transit and storage options.

+ **Pthread-based Network Driver**: Developed a multi-threaded multiplexor written in C with potential for applications in real-time connection services. This assignment received 110% of possible points.

EXPERIENCE

+ **Software QA Engineer**, *University of Oregon* (Nov 2016 – Present)
Utilized Selenium IDE in conjunction with TamperMonkey to conduct unit, regression, and vulnerability testing on web apps run by the Center for Teaching and Learning.

+ **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.

+ **Lifeguard**, *Wild Rivers Waterpark* (May 2009 – Aug 2011)
Earned certifications for AED, First Aid, CPR, and Bloodborne Pathogens.