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# Paul ReFalo

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## Technical Skills

iOS Development with Swift and Xcode  
Web Development (HTML/CSS, JS, JQuery, JSON, PHP/MySQL, Unix, XML)  
Data Analysis with Python, Perl, and R  
Scientific Instrumentation (LC/MS/MS, GC/MS, IR, UV-vis, Bench Chemistry)

## Project Experience

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|---|-----------------|
| Reference and Inventory iOS App – <a href="#">Watercolors GitHub repository</a>   | May – July 2017 |
| <ul style="list-style-type: none"><li>Built material reference app ready for the app store</li><li>Utilized Facebook OAuth for authentication</li><li>Integrated Firebase backend to sync inventory on multiple devices</li></ul> |                 |
| Maps and Core Data iOS App – <a href="#">Virtual Tourist GitHub repository</a>  | January 2017    |
| <ul style="list-style-type: none"><li>Built iOS app utilizing Map Kit to set pin locations</li><li>Used Core Data to store pin annotations</li><li>Used Flickr API to retrieve pictures associated with each location</li></ul>   |                 |

## Work Experience

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|--|------------------------------------|
| Mass Spectrometry Specialist – <i>Alturas Analytics</i>  | Moscow, ID   Aug 2015 - present    |
| <ul style="list-style-type: none"><li>Develop and implement a plan to maintain a fleet of LC/MS/MS systems</li><li>Reduce down-time significantly with improved equipment maintenance</li></ul>  |                                    |
| Perl Instructor – <i>O'Reilly School of Technology</i>   | Portland, OR   Oct 2014 – Feb 2016 |
| <ul style="list-style-type: none"><li>Served as the Perl Instructor for the school's online Perl certificate program</li><li>Mentored HTML/CSS and JavaScript courses</li><li>Reviewed curricula and grading guidelines for accreditation</li></ul>              |                                    |
| Forensic Toxicologist – <i>Oregon State Police</i>   | Portland, OR   Jan 2005 – Oct 2014 |
| <ul style="list-style-type: none"><li>Designed, built, and maintained Post-Mortem Toxicology Program</li><li>Testified regularly in Oregon courts as an expert witness</li><li>Maintained program in budget and operating in accordance with ISO 17025</li></ul> |                                    |
| RADAR Technician – <i>US Air Force</i>   | USA   May 1988 – May 1992          |
| <ul style="list-style-type: none"><li>Served honorable in the US Air Force for four years</li><li>Maintained RADAR systems to the component level worldwide</li></ul>  |                                    |

## Education

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|---|-----------|
| Udacity – <i>iOS Nanodegree</i>                                     | July 2017 |
| University of Colorado at Colorado Springs – <i>Chemistry, B.S.</i> | May 1997  |
| Oregon Health Science University – <i>Biochemistry, M.S.</i>        | July 2003 |