Lucian Hontau
Vancouver, WA | 415.938.7686

lucian303@gmail.com | http://www.linkedin.com/in/lucian303/ | http://lucianux.com/ | https://github.com/lucian303/

Development and Systems Experience

- **Clojure, ClojureScript, Pedestal, re-frame, kee-frame, Reagent, Luminus, Compojure API, Ring, Spec, core.async, mount, etaoin, hugsql, babashka**
  - PHP 7 (Zend Certified Engineer), Laminas / Zend Framework 1/2/3, Symfony, Wordpress, Drupal, phpunit, composer
  - Javascript, angular, HTML5, CSS3, jQuery, underscore/lodash, npm
  - SQL (MySQL, Postgres), Elasticsearch, Redis, Memcached
  - AWS (EC2, S3, RDS, Beanstalk, ECS, Route 53, SQS, Elasticache, Elasticsearch, etc.)
  - Docker, Nginx, Apache, Linux, FreeBSD, OS X, Windows, Git
  - AJAX, JSON, JSONP, REST, SOAP, CORS, XML, XSL/XSLT
  - Other Languages: C / C++, Perl, Bash, Pascal, VB / VBA, Python, Scala, Java

Work Experience

Senior Software Engineer – Unified Compliance| Remote | 03/2014 - Present
- **Lead Engineer working with multiple teams to deliver multiple products**
- **Developing a new GUI app in ClojureScript using re-frame and kee-frame**
- **Developing new APIs in Clojure using Pedestal**
- Lead Engineer working with multiple teams to deliver multiple products
- Mentored engineers, doing code reviews, and helping others to achieve their fullest potential
- Hired contractors and engineers to build up our teams
- Worked on multiple GUI apps, APIs (including a public API), and other servers built on top of **Clojure/Luminus, ClojureScript/Reagent/Re-frame, PHP 7/Zend Framework 2/3, Javascript (ES6), Angular, and Bootstrap running on AWS. Used ElasticSearch, Docker, Stanford Core NLP, Postgres, MySQL, Redis, lodash (underscore.js), SQS, neo4j, beanstalkd, d3, jQuery, babel, git, JIRA, Bitbucket, leiningen, composer, brunch, npm, bower, xdebug, Blackfire.io**
- Built two backend Clojure servers for Natural Language Processing with Stanford Core NLP using **Luminus** and Compojure. For the open-source version see: https://github.com/lucian303/corenlpd
- Created and maintained a scalable infrastructure on AWS for multiple interdependent apps
- Migrated all PHP systems from **PHP 5 to 7**
- Migrated a live database from **MySQL to Postgres** to take advantage of native JSON support
- Built a natural language processing system on top of **Stanford Core NLP** to detect various parts of sentences and how they're used and match them against known sentences for classification
- Fixed various scalability and performance issues with the API and UI by profiling and fixing problem areas. Implemented caching and replaced slow API components with more scalable ones.
- Worked with ElasticSearch to provide fast, fuzzy, and custom search results
- Introduced modern Javascript (ES6+) using Babel

Owner – Lucianux | Vancouver, WA | 11/1998 - Present
- Bootstrapped a profitable partnership selling GPL Wordpress plugins: https://pluginsforwp.com/
- Built an app store for GPL plugins as a Wordpress plugin using Vue, Bulma, and Buefy on the front end
- See: https://pluginsforwp.com/download-plugin-manager
- Built a system for updating our plugins from source using Clojure and Etaoin to drive Chrome using Chromedriver

Owner / CTO – Plugins For WP | Vancouver, WA
- See: http://lucianux.com/ and https://github.com/lucian303/ (**Clojure, Clojurescript, PHP, JS**)
- Worked on consulting and open source projects such as https://tripping.com/
- Helped launch Jeff Dunham's store using Magento: http://www.jeffdunham.com/shop/
- Created the donation flow for: http://standup2cancer.org/

Sr. Software Consultant (Contract) – Microsoft, Mountain View, CA | 05/2013 - 07-2013
- Built a crawler and scraper for data gathering as well as a backend app for administering videos (**PHP, JS, Symfony2**)

Sr. Software Engineer - Lead (Contract) – Malwarebytes | San Jose, CA | 10/2012 - 02/2013
- Worked on an internal tool to help researchers analyze new malware (**PHP, JS, jQuery, PostreSQL, HTML5, jQuery**)

Sr. Software Engineer/Architect (Contract) – Genentech | S. San Francisco, CA | 09/2012 - 11/2012
- Built a peer to peer and server based videoconferencing app using (**PHP, JS, Silex, RabbitMQ, MySQL, Heroku**)

Sr. Software Engineer (Contract) – Stella and Dot LLC | San Bruno, CA | 01/2012 – 07/2012
- Added new features, scaling, and fixes to Magento and other apps: http://www.stelladot.com/ (**PHP, JS, Magento**)

Sr. Software Engineer (Contract) – BitGravity, Inc. | Burlingame, CA | 04/2011 – 12/2011
- Built the main dashboard app and worked with giant, sharded MySQL databases (**PHP, JS, YUI, MySQL**)

Lead PHP Engineer (Contract) – Genentech | South San Francisco, CA | 03/2011 - 05/2011
- Finished an internal application for hiring contractors (**PHP, JS, IIS, FileMaker**)

Lead UI Engineer (Contract) – TheFind Inc. | San Francisco, CA | 05/2010 - 02/2011
- Worked on building TheFind's REST API, frontend, and features supporting mobile development (**PHP, JS, MySQL**)

Software Engineer (Contract) – Reputation | Redwood City, CA | 11/2009 - 03/2010
- Built the frontend and social networking integration for the main product (**PHP, JS, MySQL, mooTools, jQuery**)

Chief Architect (Contract, Remote) - Tripping Intl, | Remote | 07/2009 - 12/2009
- Created a travel social networking site to connect travelers with hosts AirBnB style (**PHP, JS, Zend, jQuery, MySQL**)

Software Engineer (Contract) - Mercantila, Inc. | San Francisco, CA | 03/2009 - 07/2009
- Worked on e-commerce stores, adding revenue driving features and increasing revenue 10x (**PHP, JS, jQuery**)

Software Engineer - GoingOn, Inc. | San Francisco, CA | 07/2008 - 03/2009
   • Developed a socially enabled learning site for the University of Pennsylvania and other sites (**PHP, JS, Drupal, MySQL**)
Software Engineer (Contract) - LiveNation (SignaturesNetwork) | SF, CA | 03/2008 - 06/2008
   • Customized the front and backend of Magento into a business to business e-commerce platform (**PHP, JS, Magento**)
Senior Developer - Olson Research Group, Inc. | Ewing, NJ | Los Altos, CA | 06/2005 - 03/2008
   • Led technical development for a small team developing web surveys (**PHP, JS, Perl, Python, MySQL, jQuery**)

Education

Self-taught development experience (started on an Apple II-E at the age of 12)
Graduated from **Villanova University** on a **Full Presidential Scholarship.** GPA: **3.49**
Double Bachelor Degrees (B.A.H.): **Philosophy / Honors Program** (**Dean's List Status all four years**)