

Lucian Hontau

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Development and Systems Experience

Development	<ul style="list-style-type: none">• Clojure, ClojureScript, Luminus, Compojure, Ring, Reagent• PHP (Zend Certified Engineer), Zend Framework 1/2, Symfony 2, Silex, Magento, Drupal, WordPress, phunit, composer, Zend Server• Javascript, angular, jQuery, underscore/lodash, npm, brunch, bower• HTML5, CSS3, Bootstrap• SQL (MySQL, Postgres, SQLite), Elasticsearch, Redis, Memcached, S3, Cloudfront• AWS (EC2, S3, RDS, Beanstalk, 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)
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Work Experience

03/2014 - Present	Senior Software Engineer – Unified Compliance Lafayette, CA <ul style="list-style-type: none">• Worked on multiple GUI apps, APIs (including a public API), and other servers built on top of Clojure/Luminus, PHP 7/Zend Framework 2, Javascript (ES6), Angular, and Bootstrap running on AWS. Used ElasticSearch, Docker, Stanford Core NLP, Postgres, MySQL, Redis, Iodash (underscore.js), neo4j, beanstalkd, d3, jQuery, babel, git, JIRA, Bitbucket, leiningen, composer, brunch, npm, bower• Built two backend Clojure servers for Natural Language Processing with Stanford Core NLP using Luminus and Compojure. For the old, 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 ES6 for modern Javascript development using Babel
11/1998 - Present	Owner – Lucianux San Francisco, CA & Pennington, NJ <ul style="list-style-type: none">• See: http://lucianux.com/ and https://github.com/lucian303/• Worked on consulting and open source projects such as https://tripping.com/ and https://github.com/lucian303/corenlpd (Clojure REST HTTP Server for Stanford Core NLP)• Helped launch Jeff Dunham's store using Magento: http://www.jeffdunham.com/shop/• Helped create the SOAP API and donation flow for: http://standup2cancer.org/
05/2013-07/2013	Senior Software Consultant (Contract) – Microsoft, Mountain View, CA 94043 <ul style="list-style-type: none">• Used PHP, Symfony 2, Javascript, jQuery, PostgreSQL, HTML5, CSS for a new backend app• Built a crawler and scraper in PHP for data gathering
10/2012-02/2013	Senior Software Engineer - Lead (Contract) – Malwarebytes San Jose, CA, 94107 <ul style="list-style-type: none">• Worked on an internal tool to help researchers analyze new malware• Used PHP (Symfony 2), Javascript (jQuery), CSS (Bootstrap), Twig, Composer, EC2, S3, DynamoDB, MySQL, Hadoop and Hive through EMR
09/2012 – 11/2012	Senior Software Engineer and Architect (Contract) – Genentech South San Francisco, CA 94080 <ul style="list-style-type: none">• Built a peer to peer and server based videoconferencing app using PHP and Javascript, OpenTok, Silex, Backbone.js, Composer, RabbitMQ, MySQL and deployed on Heroku• Built a REST API and architected the database
01/2012 – 07/2012	Senior Software Engineer (Contract) – Stella and Dot LLC San Bruno, CA 94066 <ul style="list-style-type: none">• Worked on adding new features, scaling, and fixing Magento as well as other apps (http://www.stelladot.com/)• Used PHP, Zend Framework, JavaScript, jQuery, MySQL, CSS, AJAX, JSON, XML, SVN, Apache, Memcached, Varnish, Splunk, Jira, phunit
04/2011 –	Senior Software Engineer (Contract) – BitGravity, Inc. Burlingame, CA 94010

12/2011	<ul style="list-style-type: none"> Used PHP, JavaScript, YUI, MySQL, CSS, AJAX, JSON, XML, SVN, Apache, Lighttpd, Memcached, Spock Proxy, FreeBSD, Trac, PHPUnit, Jenkins, Capistrano to build the main dashboard app Integrated Zend Framework into the existing custom MVC framework and worked with giant, sharded MySQL databases
03/2011 – 05/2011	Lead PHP Engineer (Contract) – Genentech South San Francisco, CA 94080 <ul style="list-style-type: none"> Improved an internal application for hiring contractors by adding new features, debugging, speeding up queries, and refactoring code (PHP, Javascript, FileMaker, IIS) Introduced source control (SVN), a standard release process, as well as development and production environments and other best practices
05/2010 – 02/2011	Lead UI Engineer (Contract) – TheFind Inc. San Francisco, CA 94104 <ul style="list-style-type: none"> Worked on building TheFind's REST API, frontend, and features supporting mobile development Used Javascript (jQuery), MySQL, HTML5, CSS3, AJAX / JSON, XML, Smarty, SVN, Git, Trac to build the main site which had 30 million unique hits a month
11/2009 – 03/2010	Software Engineer (Contract) – ReputationDefender (Reputation) Redwood City, CA 94063 <ul style="list-style-type: none"> Used PHP 5 and two custom MVC frameworks, Javascript (jQuery / mootools), MySQL, XHTML, CSS, AJAX / JSON, XML, Smarty, SVN, Bugzilla to build various apps Implemented Facebook Connect and oAuth with LinkedIn for parsing data
07/2009 – 12/2009	Senior Software Engineer / Chief Architect (Contract) - Tripping International San Francisco, CA, 94129 <ul style="list-style-type: none"> Created a travel social networking site to connect travelers wanting a more local experience with hosts having a spare couch or room and maintained the company's servers Architected, designed, and implemented the core web application: https://www.tripping.com/ using PHP 5, Zend Framework, jQuery / jQuery UI, MySQL, XHTML, CSS, AJAX / JSON, XML, external REST/SOAP APIs, MyBB and MyBB integration, APC
03/2009 – 07/2009	Software Engineer (Contract) - Mercantila, Inc. San Francisco, CA 94133 <ul style="list-style-type: none"> Increased ad revenue 10x in one month using multivariate testing and optimizing load times Worked on e-commerce stores, adding revenue driving features using jQuery and jQuery UI
07/2008 – 03/2009	Software Engineer - GoingOn, Inc. San Francisco, CA 94107 <ul style="list-style-type: none"> Developed a socially enabled learning site for UPenn: http://www.pennlpscommons.org/ Used PHP, Javascript, Drupal, CSS, XHTML, AJAX, XML, XSL, XSLT, JSON, MySQL
03/2008 – 06/2008	Software Engineer (Contract) - LiveNation (SignaturesNetwork) San Francisco, CA 94107 <ul style="list-style-type: none"> Customized the front and backend of Magento into a business to business e-commerce platform Used PHP, Magento, Zend Framework, Javascript (jQuery), MySQL 5, XHTML, CSS, XML
06/2005 – 03/2008	Senior Programmer / Developer - Olson Research Group, Inc. Ewing, NJ 08618 Los Altos, CA 94022 <ul style="list-style-type: none"> Led technical development for a small team developing web surveys Used PHP, Javascript, Perl, Python, MySQL, XHTML, CSS to develop apps and maintained servers
10/2004 – 06/2005	Assistant Scheduling Manager - The College of New Jersey Ewing, NJ 08628 <ul style="list-style-type: none"> Designed, implemented, deployed, and supported custom Access databases

Education

- 20+ years self-taught development experience (started on an Apple II-E at the age of 12)
- Graduated from **Villanova University** in 2003 on a **Full Presidential Scholarship**. GPA: **3.49**
- Double Bachelor Degrees (B.A.H.): **Philosophy / Honors Program (Dean's List Status all four years)**