

Lucian Hontau

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<https://github.com/lucian303/>

Development and Systems Experience

Development	<ul style="list-style-type: none">• Clojure, Luminus, Compojure, Ring• Javascript, angular.js, jQuery, underscore/lodash, npm, brunch, jasmine, bower• PHP (Zend Certified Engineer) and HHVM, Zend Framework 1/2, Symfony 2, Silex, Magento, Drupal, WordPress, phpunit, composer, Apache, nginx, Zend Server, memcached• HTML5, CSS3, Bootstrap, 960 Grid, HTML5 Boilerplate• AJAX, JSON, JSONP, REST, SOAP, CORS, XML, XSL/XSLT• Data: SQL (MySQL, Postgres, SQLite), S3, Cloudfront• Services: Google, Facebook, Twitter, LinkedIn, EC2, S3, RDS, CloudFront, REST APIs• GIT, SVN, Linux and FreeBSD server administration• Other Languages: Python, C / C++, Perl, Bash, Pascal, VB / VBA)• Linux (Ubuntu/Fedora), FreeBSD, OS X, Windows
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Work Experience

03/2014 - Present	Senior Software Engineer – Unified Compliance Lafayette, CA <ul style="list-style-type: none">• Built multiple applications using Clojure, PHP, JS, and MySQL• Built a Clojure HTTP REST wrapper server around Stanford Core NLP using Luminus and Compojure (https://github.com/lucian303/corenlpd)• Worked on API, UI, and OAuth2 servers built on top of Zend Framework 2, Javascript (ES6), Angular.js, and Bootstrap running on EC2, RDS, S3, and other AWS. Used ElasticSearch, Stanford Core NLP, memcached, karma, jasmine, lodash (underscore.js), d3, jQuery, babel, git, vagrant, JIRA, Bitbucket, lein, composer, brunch, npm, bower• 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 on moving the API to HHVM• Working 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/• Working 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">• Built a new Symfony 2 application and maintained multiple apps• Used PHP, Symfony 2, Javascript, jQuery, PostgreSQL, HTML5, CSS• Built a crawler and scraper in PHP for data gathering• Built PostgreSQL stored procedures to populate new data
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 our 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• Rewrote the original proof of concept API in PHP from Python
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 (http://www.stelladot.com/)

04/2011 – 12/2011	<ul style="list-style-type: none"> • Worked on new features on the core site and our API based infrastructure using Zend Framework • Used PHP, Zend Framework, JavaScript, jQuery, MySQL, CSS, AJAX, JSON, XML, SVN, Apache, Memcached, Varnish, Splunk, Jira, phpunit • Refactored modules to add new functionality and optimize queries to scale Magento Senior Software Engineer (Contract) – BitGravity, Inc. Burlingame, CA 94010 <ul style="list-style-type: none"> • Worked on the dashboard web app building new features for customers • Used PHP, JavaScript, YUI, MySQL, CSS, AJAX, JSON, XML, SVN, Apache, Lighttpd, Memcached, Spock Proxy, FreeBSD, Trac, PHPUnit, Jenkins, Capistrano • Integrated Zend Framework into the existing custom MVC framework • 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) and a standard release process as well as development and production environments • Planned a complete refactoring of the legacy app
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 • Worked with two custom MVC frameworks and Zend Framework porting features from old to new • Used Javascript (jQuery), MySQL, HTML5, CSS3, AJAX / JSON, XML, Smarty, SVN, Git, Trac • 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 • Implemented Facebook Connect and oAuth with LinkedIn for parsing data • Implemented new features and ported functionality from the old to the new framework
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 • 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 • Set up and maintained the company's CentOS servers, SVN, Mantis, and the development and production server environments; built deployment, backup and other automation scripts
03/2009 – 07/2009	Software Engineer (Contract) - Mercantila, Inc. San Francisco, CA 94133 <ul style="list-style-type: none"> • Increased ad revenue almost 10x in one month using multivariate testing • Worked on e-commerce stores, adding revenue driving features using jQuery and jQuery UI • Optimized the page load times by using CloudFront as a CDN and Keynote for monitoring
07/2008 – 03/2009	Software Engineer - GoingOn, Inc. San Francisco, CA 94107 <ul style="list-style-type: none"> • Developed socially enabled learning sites for UPenn: http://www.pennlpscommons.org/ • Used PHP, Javascript, Drupal, CSS, XHTML, AJAX, XML, XSL, XSLT, JSON, MySQL • Created a separate, fully AJAX based UI using jQuery and jQuery UI for administering Drupal
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 • PHP, Javascript, Perl, Python, MySQL, XHTML, CSS • Managed FreeBSD and Linux web servers, including conducting migrations • Programmed hundreds of complex online applications using Javascript, Perl, PHP
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)**