

Lucian Hontau

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Development and Systems Experience

Skills	<ul style="list-style-type: none">• Clojure, ClojureScript, Pedestal, re-frame, kee-frame, reagent, Luminus, Compojure API, Ring, Spec, core.async, mount, etain, hugsq1• C / C++ (stl, juce, audio, gcc, clang, crossplatform [Linux/Mac/Win])• PHP (Zend Certified Engineer), Zend Framework / Laminas 1-3, Symfony, Wordpress, Magento, Drupal, phpunit, composer, Laravel• Javascript, angular, HTML5, CSS3, jQuery, underscore/lodash, npm, Vue, React• 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: Java, Perl, Bash, Pascal, VB / VBA, Python, Scala
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Work Experience

12/2019 - Present	Owner / CTO - Incodepany LLC Vancouver, WA <ul style="list-style-type: none">• 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: https://pluginsforwp.com/download-plugin-manager• Built a system for updating our plugins from source using Clojure and Etaoin to drive Chrome using Chromedriver
11/1998 - Present	Owner - Lucianux Vancouver, WA <ul style="list-style-type: none">• Building audio hardware using C++, juce, and custom hardware• Web apps and sites. 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/
03/2014 - 10/2022	Senior Software Engineer - Unified Compliance Lafayette, CA / Las Vegas, NV (Remote) <ul style="list-style-type: none">• Lead Engineer working with multiple teams to deliver multiple products• Mentoring engineers, doing code reviews, and helping others to achieve their fullest potential• Hiring contractors and engineers to build up our teams• Working on multiple GUI apps, APIs (including a public API), and other servers built on top of Clojure/Luminus, ClojureScript/Reagent/Re-frame, PHP 5/7/8, Zend Framework/Laminas 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• Introduced Clojure and built two backend Clojure servers as well as a new public API for Compliance and Natural Language Processing. Used Stanford Core NLP for NLP. Used Luminus / Compojure API for the first projects, then switched to Pedestal for the new API• Created and maintained a scalable infrastructure on AWS for multiple interdependent apps• Migrated all PHP systems from PHP 5 to 7. Starting migration to PHP 8• 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• Worked with ElasticSearch to provide fast, fuzzy, and custom search results
10/2012-02/2013	Senior Software Engineer - Lead (Contract) - Malwarebytes San Jose, CA <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,

09/2012 – 11/2012	<p>EC2, S3, DynamoDB, MySQL, Hadoop and Hive through EMR</p> <p>Senior Software Engineer and Architect (Contract) - Genentech South San Francisco, CA</p> <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	<p>Senior Software Engineer (Contract) - Stella and Dot LLC San Bruno, CA</p> <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, phpunit
04/2011 – 12/2011	<p>Senior Software Engineer (Contract) - BitGravity, Inc. Burlingame, CA</p> <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	<p>Lead PHP Engineer (Contract) - Genentech South San Francisco, CA</p> <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	<p>Lead UI Engineer (Contract) - TheFind Inc. San Francisco, CA</p> <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	<p>Software Engineer (Contract) - ReputationDefender (Reputation) Redwood City, CA</p> <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	<p>Senior Software Engineer and Chief Architect (Contract, Remote) - Tripping Intl, San Francisco, CA</p> <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	<p>Software Engineer (Contract) - Mercantila, Inc. San Francisco, CA</p> <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	<p>Software Engineer - GoingOn, Inc. San Francisco, CA</p> <ul style="list-style-type: none"> Developed a socially enabled learning site for the University of Pennsylvania Used PHP, Javascript, Drupal, CSS, XHTML, AJAX, XML, XSL, XSLT, JSON, MySQL
03/2008 – 06/2008	<p>Software Engineer (Contract) - LiveNation (SignaturesNetwork) San Francisco, CA</p> <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	<p>Senior Programmer / Developer - Olson Research Group, Inc. Ewing, NJ Los Altos, CA</p> <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

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)**