Chandler Haueter

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EXPERIENCE

Founder, Reason Properties   July 2016 - Present
- Streamline property intake process with an inbound call answering service
- Conduct property analysis surveys to gather feedback about seller needs and growth opportunities
- Evaluate markets and property pricing to design system for optimizing pricing offers based on industry-tuned heuristics
- Cultivate leads via outreach campaigns to understand the marketing drivers and size the rural properties market
- Develop project plan for specialized demand generation and sales CRM

Security Officer & Senior Software Engineer, Epion Health   Oct 2015 - July 2016
- **Check-in Application** – Developed features for patient check-in mobile/web application, which has 1000s of daily users and is critical to workflow for medical providers.
- **Security officer:** Led company-wide HIPAA/HITRUST security & privacy compliance projects: policy writing, security improvement implementation and employee training.

Software Engineer, AppDynamics   Feb 2015 - Sep 2015
- **Agile Process Facilitator:** Led the team, PMs and engineering management in facilitating 2 *Project Inceptions*.
- **Platform Admin Application** – Architected and led team in implementing an application for deploying and operating highly available distributed software applications on customers' on-premise datacenters. Used *inversion of control*, schemas, well-defined interfaces, and lifecycle hooks to keep the application agnostic of product-specific lifecycle management details.
- **Patent pending:** led the generation of a patent for the novel ideas involved in the implementation of the above

Software Engineer, Pivotal Software, Inc   May 2013 - Feb 2015
- **Agile Process Facilitator:** Facilitated 6 *Project Inceptions* and 2 *No-Blame Postmortems* across the Cloud Foundry org
- **Pivotal Operations Manager (network.pivotal.io/products/pivotal-cf)** – Pivotal's tool for managing lifecycles of distributed applications deployed on Pivotal Cloud Foundry. In addition to refactoring legacy code, built the CI/CD pipeline (GoCD) and implemented VM appliance delivery mechanism (via Packer).
- **Pivotal Web Services Console (run.pivotal.io)** – Pivotal's admin site for IT managers managing and scaling applications hosted on Pivotal Web Services (Pivotal's Cloud Foundry PaaS). Refactored major parts of legacy Rails implementation, making code more clear, concise and correct.
- **Pivotal Network (network.pivotal.io)** – Pivotal's site for distributing its software to enterprise IT managers. Technologies applied include Amazon S3, Cloudfront, thoughtbot's Bourbon/Neat, Redis/Resque, PostgreSQL, SCSS, Javascript, RSpec, Capybara, Jasmine, Sendgrid and Mailgun. Also contributed to parts of the UX design.
- **Cloud Foundry Buildpacks** including Go and Python buildpacks (similar to Heroku buildpacks) for the Cloud Foundry enterprise hosting platform. Linux server management (e.g. Iptables), Cloud Foundry CLI and BOSH Lite.
- **A consumer web and mobile application** for a Fortune 100 broadcasting company utilizing BackboneJS, Coffeescript, jQuery, AJAX, Redis/Resque, PostgreSQL, Elasticsearch, Rackspace.

Client Feedback
- "Chris is technically brilliant and brings a great spirit to the team."

Founder & Business Developer, Pest Management Roundtable   Feb 2012 - Oct 2012
- Created a business of interviewing and publishing CEOs and presidents of national-scale pest control companies. Grew the business via email and phone calls. Developed a scalable static marketing website.

Research Assistant, Columbia Center for Computational Learning Systems   Sep 2008 - Jan 2010
- Worked on the Automated Telephone Dialog System Optimization project.
- Implemented a log parser that enabled analysis of formerly-inaccessible system data.
- Increased system uptime to 95% (from 25%), via a VOIP telephony solution.

EDUCATION

Columbia University, BS in Computer Science   Sep 2008 - May 2013
- **Coursework:** Cloud computing, entrepreneurship, databases, computer networks, artificial intelligence, machine learning, robotics, data structures and algorithms, programming languages and translators.
- **Research: Digital Goods Marketplace Simulation:** Implemented a digital goods marketplace simulation and tested the effects of dynamic pricing algorithms on equilibrium marketplace revenues.

ADDITIONAL

TECHNICAL PROFICIENCIES
- **OS Platforms**: Ubuntu Linux, Mac OS, RHEL, CentOS
- **Cloud platforms**: Cloud Foundry, Pivotal Web Services, Heroku, Amazon AWS (ECS, Lambda, EC2, S3, RDS, Route 53, Auto Scaling, CloudFront, CloudWatch, SES), DigitalOcean, EngineYard
- **Web stack**: Nginx (server, proxy and frontend load balancer), Rack, Gunicorn, uWSGI
- **Backend web frameworks**: Dropwizard, Ruby on Rails, Django, Jekyll, Flask, Cactus
- **Frontend (JS) web frameworks**: Angular, Backbone
- **Databases**: PostgreSQL, SQLite, Redis, MySQL, Oracle 10g
- **Orchestrators:** Salt, Ansible
- **Cluster managers:** Consul, Kubernetes, Terraform
- **Deployment & Packaging**: Cloud Foundry, BOSH, Vagrant, Packer, Docker, FPM
- **Backend Languages**: working knowledge of Ruby, Java, Python
- **Frontend Languages**: working knowledge of HTML/Haml/Slim, CSS/Sass, Coffeescript, Javascript, jQuery
- **Test-driven Development**: Junit, BATS, RSpec, Cucumber, Jasmine, Nose
- **Productivity tools**: Vim, Git, Github, Sublime text editor, VS Code, JIRA, Pivotal Tracker, Trello
- **Networking**: Twilio, firewalls, routers, switches, software switches (FreeSWITCH), VOIP configuration, Linux server support

WRITINGS
- Features of Sustainable Online Marketplaces, January 2011
- Modeling a Finite Mechanical System using Lagrange's Method, May 2005

AWARDS
- C. Prescott Davis Scholar, Columbia Undergraduate Scholars, Aug 2008 - May 2013
- Summer Enhancement Fellow, Columbia Undergraduate Scholars, May 2009 - Aug 2011
- National Merit Scholar, Mar 2005

LANGUAGES
- English (native)
- Russian (fluent)
- German (conversational)