

Patrick Cieplak
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Professional Experience

Balanced
San Francisco, CA
<http://www.balancedpayments.com>

Software Engineer
5/2013 to Present

- Developed and maintained a RESTful API for payments processing
- Integrated chargebacks/disputes into the Balanced API
- Designed and implemented a data warehouse that aggregated data from internal services and fetched data from processors' and banks' websites (citr)
- Streamlined the process for issuing 1099Ks to merchants
- Streamlined the monthly accounting reconciliation process
- Generated accounting and financial reports and data visualizations
- Built a client facing reporting service (chompy)
- Developed custom reports for specific clients
- Performed data migrations from other payments processors
- Reviewed batch payment submissions for fraud
- Discovered and resolved accounting discrepancies in the general ledger
- Monitored server and application health and responded to PagerDuty alerts
- Administered servers and automated configuration management using Chef, Ansible, Fabric and Cloudformation
- Used software such as HAProxy, Nginx, ElasticSearch, PostgreSQL, Redis, RabbitMQ, MongoDB, Zookeeper, Rsyslog, Jenkins, New Relic and Git
- Used Amazon Web Services

FI Consulting
Arlington, VA
<http://www.ficonsulting.com>

Analyst
11/2011 to 5/2013

- Built and maintained a risk management system for the mortgages underlying Freddie Mac's CMBS portfolio of over \$200 billion in mortgage assets
- Automated the documentation for Freddie Mac's financial engineering group's financial models
- Developed an interface for underwriters to perform financial analysis on sets of commercial loan application forms, which was subsequently used to underwrite billions of dollars of commercial loans
- Designed a relational data model for storing quarterly financial statements and integrated the model into existing databases and risk rating models
- Built web interfaces to legacy software systems
- Interviewed client stakeholders and SMEs to develop requirements
- 2012 Firm Values Award

Education

University of Maryland, College Park

BS Finance, May 2011