Patrick Cieplak
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415.425.1831

## Professional Experience

| Eventbrite | Software Engineer |
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| San Francisco, CA | 4/2015 to Present |

http://www.eventbrite.com

- Migrated Eventbrite's systems from a monolithic architecture to a microservices-oriented architecture
- Developed internal APIs for managing merchandise, ticket, user, event, order, accounting and payment resources

| Balanced | Software Engineer |
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| San Francisco, CA | 5/2013 to 4/2015 |

http://www.balancedpayments.com

- Developed and maintained a RESTful API for payments processing
- Automated chargeback management and streamlined the 1099K process
- Designed and built a data warehouse that ETL'd data from internal services and from processors' and banks' websites
- Streamlined the accounting reconciliation process using the data warehouse
- Generated reports and data visualizations to satisfy accounting, regulatory and financial needs
- Administered servers running on AWS and automated configuration management using Chef, Ansible, Fabric and Cloudformation
- Used software such as HAProxy, Nginx, ElasticSearch, PostgreSQL, Redis, RabbitMQ, Zookeeper, Rsyslog, Jenkins, New Relic and Git

| FI Consulting | Analyst |
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| Arlington, VA | 11/2011 to 5/2013 |

http://www.ficonsulting.com

- Developed a risk management system for Freddie Mac's CMBS portfolio of over $200 billion in mortgage assets
- Built tools for traders to interface with Financial Engineering's interest rate and prepayment models
- Built financial analysis software used for underwriting commercial mortgages
- Designed relational data models for financial statements of properties in Freddie Mac's commercial mortgage portfolio
- Built web interfaces to legacy software systems
- Worked closedly with clients and stakeholders to develop and refine project requirements
- 2012 Firm Values Award

## Education

| University of Maryland, College Park | BS Finance, May 2011 |
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