Jeremy Cutler

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Profile

I am passionate about leading teams to develop software and web applications for scalability, reliability and front-end usability, especially in the Payments space. I pair my technical abilities with a talent and excitement for developing good people into great engineers.

Experience

Senior Software Development Lead (Content), Hulu; Seattle, WA – Mar 2017-Present

Spinning up the Content Platform Tools and Automation team, creating a backlog and delivering tooling and system healing for the Hulu content and metadata ingestion and delivery pipeline through a a broad investigation of the state of existing systems.

Engineering Manager (Payments), Etsy; Brooklyn, NY – Dec 2014-Mar 2017

Led and expanded team of engineers, launching products such as Guest Checkout, payment processing in Eastern Europe and Asia, ApplePay and PayPal enterprise integrations, in addition to improving stability and adding resiliency for payments services.

Managed external Payments team efforts, including taxes, global payment and banking requirements, SOX compliance, as well as selection of and ongoing third-party vendor technical relationships.

Worked closely with Product Managers, Product Marketing Managers and Engineering Managers across seniority levels to plan, staff and execute product development across the company.

Recruited and developed engineers at several technical levels, helping reports further their careers through training and conference presentation, as well as advancement and internal mobility.

Senior Software Engineer (Payments), Etsy; Brooklyn, NY – Apr 2014-Nov 2014

Architected and developed full API and shop inventory/statistics integration for the Etsy In-Person Payments Credit Card Reader, leading mobile engineers during integration and testing.

Collaborated with Payments Support team to handle bugs, user-facing issues and to build custom tooling to vastly improve supporter workflow.

Partnered with Designers, Product Managers and business leads to develop easy-to-use interfaces for new and existing features in purchase, billing and ledger management products.

Software Engineer (Payments), Etsy; Brooklyn, NY – Dec 2012-Mar 2014

Created highly-extensible, internationalized seller onboarding and bank disbursement integration for the Etsy Direct Checkout payment processing platform, enabling expanded reach from the US into 35 additional markets over the following years.

Rebuilt system for bank disbursement to handle scaling, performance and reliability of third parties, significantly reducing maintenance and monitoring for payouts that have since reached tens of millions USD-equivalent per day.

Owner and Application Developer, Cutler Infraware; Toronto, Canada – Sept 2008-Nov 2012

Dealt directly with manufacturing industry clients to determine needs for data tracking systems and provide on-going support.

Designed customized downtime tracking and real-time trailer yard management systems to significantly reduce retention costs and improve efficiency of a manufacturing plant shipping and receiving department.

Software Engineer, Java JIT Compiler, IBM; Markham, Canada – Mar 2009-Jan 2012

Led cross-team group on exploitation of Transactional Memory in future hardware platforms

Worked on wide variety of functional and performance improvements in a dynamic compiler with self-modifying code targeting multiprocessor environments

Developed new and improved compiler optimizations and low-level PowerPC code generation for Java applications, with a focus on thread-concurrent and atomic classes

Education	**University of Toronto – MASc Computer Engineering (ABD, 2012)** Thesis Focus: Pipeline Parallelization **University of Toronto – BASc Computer Engineering (2006)**
Publication	*Marek Olszewski, Jeremy Cutler, and J. Gregory Steffan. September 2007.* JudoSTM: A Dynamic Binary-Rewriting Approach to Software Transactional Memory. In Proceedings of the 16th International Conference on Parallel Architecture and Compilation Techniques (PACT '07)
Skills	Project Management, Strategic Planning, Recruiting, Career Development Python, PHP, MySQL, JavaScript, jQuery, PrototypeJS HTML, CSS C, C++, Java, Multithreaded programming