Lee Sheng

Overview

Seasoned engineering leader focused on building high performing engineering teams creating interesting products that users love.

Selected Experience

9/2012 - 2/2015   *Director of Engineering* at WibiData (San Francisco, CA)

- Led an engineering department of 24 engineers to deliver WibiRetail, a retail personalization platform deployed in production at top retailers.
- Developed product roadmap and drove the creation of WibiEnterprise 3.0, an enterprise platform built on top of Kiji.
- Grew engineering team from 8 to 24, while raising the technical bar and expanding skillsets to cover emerging product needs. Mentored and guided career development of engineers including 4 senior managers and the chief architect.
- Contributor on the initial open source release of Kiji, a framework for real time application development on HBase and Hadoop. Further work focused on Hive and REST functionality.
- Instituted kaizen for experimentation on process improvement to increase engineering productivity.
- Spoke at conferences, hosted and MCed meetups, and created email lists to build user communities for Kiji and Hadoop.

4/2010 - 8/2012   *Software Development Engineer* at Amazon (Seattle, WA)

- Developed and refined high fidelity Monte Carlo simulation architecture of Amazon's global supply chain for evaluation and experimentation with supply chain optimizations.
- Produced key insights which were used in the SVP weekly business review for the state of the global fulfillment network.
- Built production services for consolidating the vendor purchasing infrastructure across Amazon's European fulfillment network.
- Improved processes and increased automation to reduce overall on-call operational burden while providing better service for business stakeholders.

7/2004 – 4/2010   *Senior Software Engineer* at Dynamic Animation Systems (Fairfax, VA)

- Developed console debugging to RTI-NG distributed simulation services via CORBA interfaces.
- Designed and implemented cross platform, code generated, C++ middleware library with Java bindings to eliminate the costs in adapting simulation components for multiple transport architectures.
- Led development of ATC, a tool for the creation of test harnesses of federates via sequence diagrams.
- Set up and maintained systems for automated continuous integration using version control, bug tracking, build automation, and unit testing.

Relevant Skills

Languages	Java, Python, C, C++
Technologies	Hadoop, HBase, Avro, Hive, Dropwizard
Tools	Git, Reviewboard, Maven, Jenkins

Education

8/1998 – 5/2002   *Carnegie Mellon University* (Pittsburgh, PA)
Bachelors in Computer Science