# 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](https://www.wibidata.com) (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](http://amazon.com) (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](http://www.d-a-s.com/) (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

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