Peter Bansuk Lee
SWE | Backend | Infrastructure | Platform

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Programming
Python ★★★★★
Java ★★★★☆
Scala ★★★☆☆
C ★★★☆☆
[*Plus: SQL, Unix, Bash, YAML, Salt, JS, CSS, HTML*]

Tools
Vim, AWS, React, Git, Spark, Hadoop, Kafka, Hive, Maven, Flask, Jenkins

Strengths
Ambitious, persistent, disciplined, organized, teachable, reliable

Ongoing Interests
Avid guitarist, comics aficionado, Dodgers fan, board game lover

Bucket List
Visit Korea & Israel, take future children to a Dodgers game, go to a Vulfpeck concert, touch an elephant

Experience

05/17 - Now	**Lyft	Software Engineer** Performance-Frameworks	San Francisco, CA
05/17 - 10/17	**Lyft	Software Engineering Intern** Performance-Frameworks: automated Python profiling for micro-service performance optimization. Worked on client simulations and load testing.	San Francisco, CA
06/16 - 08/16	**Pandora	Software Engineering Intern** Designed architecture for and implemented a content notification dispatcher used to relay inter-system alerts. Built API with Python-Django framework.	Oakland, CA
02/16 - 04/16	**Amazon	Software Development Engineering Intern** Built a Scala JDK to launch AWS EMR clusters, perform mapReduce transforms using Hive scripts with Spark applications and load data to Redshift.	Seattle, WA
06/15 - 02/16	**SA-IT	Network Engineering Assistant** Oversaw upgrades for network equipment and conducted wireless analysis.	Berkeley, CA
08/15 - 01/16	**IEEE	Technical Operations Officer** Performed maintenance of servers for the EECS community in the IEEE lab.	Berkeley, CA
06/15 - 12/15	**UC Berkeley: Computer Science Dept.	Lab Assistant** Assisted students in education of Java, Python and related course material.	Berkeley, CA
08/15 - 01/16	**DeCal Board	Webmaster** Managed the DeCal Board website using JS, RoR, CSS and HTML.	Berkeley, CA

Projects

08/2017	**Lyft Hackathon 2017: Service Checker** Command line tool that allows users to check for infrastructure changes.	Python
04/2017	**Relational Database** B+ tree model db supporting file management, multiple query operators (PNLJ, BNLJ, GraceHash, SortMerge, IndexScan) and query optimization.	Java
09/2016	**Wan Optimizer (Middlebox)** Developed the app, which prevents re-sending the same data over WANs.	Python
06/2016	**Pandora Hackathon 2016: Stackd** Mocked Stack Overflow for internal usage.	Python
07/2015	**Version Control System	Gitlet** Constructed a version control system that mimics many of Git.	Java
08/2015	**Sliding Block Puzzles** Program that solves complex block puzzle configurations through the implementation of ADT's, priority queues and the Manhattan distance algorithm.	Java

Education

Grad. 12/17	**UC Berkeley	B.A. in Computer Science** *Coursework*: Data Structures, Computer Architecture, Computational Modeling, Algorithms, Internet Architecture & Protocols, Database Systems, Computer Security, Structure & Interpretation of Computer Programs, Discrete Math & Probability Theory, Linear Algebra & Diff Equations. *Intending*: Operating Systems, Personal Finance.	Berkeley, CA