

Kahlil Oppenheimer

Cambridge, MA

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<https://kahlil.me>

Education

- **Brandeis University** Waltham, MA
B.S. in Computer Science and Mathematics; GPA:3.79 *Jan 2017*
 - Honors: Phi Beta Kappa, Giumette Academic Achievement Award, Henry F. Fischbach Scholarship
 - Key Courses: Modern Database Systems, Distributed Systems, Statistical Approaches to NLP

Experience

- **Google** Cambridge, MA
Software Engineer III (L4) - Search *Jul 2018 – Present*
 - Designed and implemented backend features to support users' multi-day search journeys
 - Built numerous backend features for Google collections (<https://google.com/save>)
 - Ran experiments to enable new Search features and measure their efficacy across a diverse user base
- **HubSpot** Cambridge, MA
Senior Software Engineer - Big Data Team *Jan 2017 – May 2018*
 - Provided reliable, easy-to-use HBase as a service to HubSpot engineers
 - Maintained 99.99% uptime in all HBase clusters through server patches and external orchestration logic
- **Brandeis University Computer Science Department** Waltham, MA
Undergraduate Teaching Assistant *Nov 2013 – Dec 2016*
 - Statistical Approaches to Natural Language Processing
 - Database Management Systems
- **Square** San Francisco, CA
Software Engineering Intern – Register Experience *May 2016 – Aug 2016*
 - Implemented search functionality for EMV cards and tap-to-pay methods
 - Designed and implemented custom-made QR-like code reader
- **KAYAK** Concord, MA
Software Engineering Intern – Accuracy Team *May 2015 – Aug 2015*
 - Architected Java web scraper service to verify car rental prices
- **HP Vertica** Cambridge, MA
Software Engineering Intern – SQL Optimizer Team *May 2014 – Aug 2014*
 - Designed, implemented, and patented new optimizations in the Vertica query optimizer

Projects

- **HBaseCon presentation on open-source HBase contributions** June 2017
See details at <https://www.kahlil.me/hbase-balancer/>
- **SQL Query Optimization Patent (PCT/US2015/023044)** October 2016
See details at <https://kahlil.me/unique-attributes>
- **Well-Versed Chrome Extension** October 2015
Won third place at HackDartmouth II (details at <https://devpost.com/software/well-versed>)
- **<https://kahlil.me>** Technical blog
Elaborate on current and past technical projects

Skills

Programming Languages: Java, Go, Python, JavaScript, SQL, Bash

Technologies: HBase, HDFS, Zookeeper, Protocol Buffers, GRPC, Guice, Node.js