

Kahlil Oppenheimer

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Education

- **Brandeis University** Waltham, MA
Bachelor of Science in Computer Science; GPA:3.84 *Expected Jan 2017*
 - Scholarships: Giumette Academic Achievement Award, Henry F. Fischbach Scholarship
 - Key Courses: Modern Database Systems, Distributed Systems, Statistical Approaches to NLP

Computer Science Experience

- **Brandeis University Computer Science Department** Waltham, MA
Undergraduate Teaching Assistant *Nov 2013 – Present*
 - Introduction to the Theory of Computation (Spring 2016)
 - Database Management Systems (Fall 2015)
 - Advanced Programming Techniques (Spring 2013/2015)
 - Data Structures and Algorithms (Fall 2014)
- **Square** San Francisco, CA
Software Engineering Intern – Register Experience *May 2016 – Present*
 - Work on Java/Ruby/Go web back-end of Register app
 - Built search functionality for EMV cards and tap-to-pay methods
 - Designed and implemented custom-made QR code reader
- **KAYAK** Concord, MA
Software Engineering Intern – Accuracy Team *May 2015 – Aug 2015*
 - Built Java web scraping framework to verify car rental prices
 - Set up Caffe neural network to classify types of cars based on web images
- **HP Vertica** Cambridge, MA
Software Engineering Intern – SQL Optimizer Team *May 2014 – Aug 2014*
 - Gained familiarity with large C++ code base and associated tools (GDB, Ctags, Cscope, SVN, Vim, etc.)
 - Designed, implemented, and filed a patent for several optimizations surrounding the propagation and preservation of uniqueness of sets of attributes in a given query
- **Draper Laboratories** Cambridge, MA
Systems Test and Integration Intern *Jun 2013 – Aug 2013*
 - Analyzed/generated charts for large data sets with VBA
 - Wrote parser/converter for CSV to XML in Java

Additional Experience

- **kahlil.me** Cambridge, MA
Personal website / tech blog *Aug 2015 – Present*
 - Write articles/guides about cool new technologies and/or projects I work on
- **Brandeis University Computer Science Department** Waltham, MA
Undergraduate Department Representative *Aug 2014 – May 2016*
 - Serve as student resource for course/major counsel
 - Coordinate with department on curricula revisions
- **Brandeis University Department of Community Living** Waltham MA
Community Adviser *Aug 2014 – May 2016*
 - Live with, mentor, and supervise first-year undergraduate students
 - Complete weekly training on role/responsibilities

Skills

Programming Languages: Java, Go, Python, Javascript, Ruby, C/C++, SQL, Bash, Scheme

Frameworks: Grpc, Rails, Guice, Mockito, Node.js, Angular.js, Spring, MapReduce, Mallet