Kahlil Oppenheimer

kahlil@brandeis.edu

415 South St, Waltham, MA 02453 MB 3589 (857-544-1227)

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*
  - Statistical Approaches to Natural Language Processing (Fall 2016)
  - 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 propogation 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

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