# AARON GRAHAM-HOROWITZ

24 Parker St, Holyoke, MA 01040
(413) 570-3033
aaron@aaronsgh.com

**EDUCATION**

**Harvard College**, Cambridge, MA
A.B. in Computer Science with Mathematics secondary, May 2015.

**SELECTED COURSEWORK**

- Data Structures & Algorithms
- Operating Systems
- Compilers
- Systems Biology
- Large-Scale Symbolic Systems (MIT)
- Machine Learning
- Computer Vision
- Evolutionary Dynamics

**EXPERIENCE**

June 2015 - present

**Fiksu**                                                                 Northampton, MA
*Software Engineer*

Jan - May, '14 & '15

**Harvard University**                                               Cambridge, MA
*Teaching Fellow – CS 51: Abstraction and Design in Computation*
- Taught weekly review sections and discussions of supplementary materials.
- Supervised final projects, helping students with algorithm selection, interface design, and overall implementation plan.
- Collaborated with professors to update section materials and problem sets to make use of Jane Street's Core.std library for OCaml.

June - Sept, 2014

**Riparian Pharmaceuticals**                                    Cambridge, MA
*Bioinformatics Intern*
- Used machine learning to predict new drug lead candidates from prior screening results.
- Designed experiments to validate predictions and help identify drug targets.

June - Aug, 2013

**Infosys Labs**                                               Bangalore, Karnataka, India
*Cloud Dependability Intern*
- Created tool to analyze webserver logs and study patterns of user behavior in response to failures, helping identify the most pressing problems.
- Named Best Intern under Technology category for April - October 2013/14.

July '12 - May '14

**Harvard Office for the Arts**                                 Cambridge, MA
*Tech Assistant*
- Maintained Inventory of electrics, lumber and power tools.
- Instructed students in proper use of theatrical lighting equipment.

**ADDITIONAL SKILLS**

- Experience with Python, Java, Clojure, OCaml, Coq Proof Assistant, MATLAB, Mathematica, R, LaTeX
- Knowledge of Unix, Mac, and Windows operating systems
- Proficient in Spanish

**INTERESTS**

Strategy games, programming languages, Shakespeare, arts and education, open source, science fiction, green technology