

JOSEPH BOTROS

164 Mather Mail Center, Cambridge, MA 02138
botros@college.harvard.edu · (812) 243-6820

EDUCATION

Harvard University, Cambridge, MA

Pursuing a Bachelor of Arts degree in Molecular and Cellular Biology, with Computer Science as a Secondary Field.
Expected May 2015. GPA: 3.80.

Terre Haute South Vigo High School, Terre Haute, IN

Valedictorian; Mr. Science of Indiana; White House Science Fair Delegate; National Olympiad semifinalist in biology, finalist in chemistry; JETS national champion team captain; SAT I: 2400

EXPERIENCE

The Harvard Crimson *Business Manager*

Cambridge, MA
January 2014 – Present

Director of Web Development

January 2013 – December 2013

- supervise a development team of 20 programmers and web designers
- revamped The Crimson's network and server infrastructure
- orchestrated two semester-long training programs for potential Crimson coders
- spearheaded the creation of The Crimson's first ten online multimedia features
- coordinated a full-scale responsive website redesign of thecrimson.com, increasing pageviews by 30%
- acted as main designer for two of the top five Associated College Press Multimedia Features of the Year

Summer Business Manager

June 2013 – August 2013

- led the organization's summer sales team of five to bring in over \$118,000 in advertising revenue
- directed the production and printing of The Crimson's Tourist Map and Guide to Recruiting handbook
- planned and organized The Crimson's Summer Journalism Academies for middle/high school students
- managed collections, invoicing, payments, and day-to-day affairs of the business

Advertising Associate

January 2012 – December 2012

- personally generated \$30,000 in revenue from print and online advertising sales
- led a team of 25 on The Crimson's Guide to Summer advertising push, raising \$18,000
- retooled The Crimson's internal advertising database to rectify outstanding glitches

Harvard University

Molecular Biology Researcher

Cambridge, MA
June 2012 – Present

- study the functionality of sidt2, a human gene encoding a double-stranded RNA transporter protein implicated in systemic RNA interference, in the Department of Molecular and Cellular Biology
- manage the breeding and record-keeping of the Hunter lab's mouse colony

Mathematics Course Assistant

September 2012 – December 2013

- hosted weekly accessory lessons for introductory multivariable calculus and linear algebra courses
- graded homework and provided feedback for an average class size of 25 over three semesters

SKILLS

LAB | Experience with mouse colony management and tissue harvest, cell culture techniques, PCR.

CODE | Proficient in C, SQL, HTML, PHP, Python/Django. Familiar with Objective-C, OCaml, VBA, Ruby. Comfortable with version control for large development teams.

DESIGN | Proficient with Adobe Photoshop and InDesign. Familiar with Adobe Illustrator.