

BRIAN YU

brianyu28@gmail.com ◊ (925) 683-6881
github.com/brianyu28 ◊ linkedin.com/in/brian-yu
brianyuweb.com

EDUCATION

- Harvard College - Cambridge, MA - Class of 2019** 8/2015 - Present
- Concentrator in Computer Science and Linguistics
 - GPA (as of May 2017): 4.00
 - 2016 John Harvard Scholar, 2016 Detur Prize Recipient
- Monte Vista High School - Danville, CA - Class of 2015** 8/2011 - 6/2015
- Weighted GPA: 4.47, Unweighted GPA: 4.00
 - 2015 National Champion in U.S. Extemporaneous Speaking; 2013-2015 State Champion in U.S. Extemp Speaking
 - U.S. Presidential Scholar Semifinalist, National Merit Scholar Finalist

EXPERIENCE

- Computer Science 50 (CS50) - Harvard University - Cambridge, MA** 6/2016 - Present
Head Course Assistant. Teaching Fellow. Software Engineer.
- Taught sections, held office hours, ran problem set walkthroughs for Harvard College's introductory CS course
 - Built CS50's gradebook and GitHub-based problem set submission system
 - Built CS50's automatic correctness grading tool
 - Trained a teaching staff of 30 in Nicaragua to teach CS at the Universidad Nacional de Ingeniería
 - Developed tools for high school CS teachers including a portal for AP teachers and a searchable quiz bank
 - Taught web development to students at Harvard Summer School in Summer 2016 and 2017
- The Harvard Crimson - Cambridge, MA** 9/2015 - Present
Digital Strategist. Designer. News Writer.
- Led The Crimson's data journalism team
 - Wrote software to facilitate analysis of big-data stories
 - Wrote graphics design software to create dynamic charts, graphs, and interactive graphics for The Crimson's online content
 - Analyzed The Crimson's readership statistics and online traffic data, proposed new outreach initiatives
 - Designed graphics and layouts for print and online editions of the newspaper
- Computer Science 51 (CS51) - Harvard University - Cambridge, MA** 1/2017 - 5/2017
Teaching Fellow
- Taught sections, held office hours on functional programming, abstraction and design
- National Speech and Debate Association** 8/2015 - 5/2017
Membership and Development Intern
- Assisted in developing the National Speech and Debate Association's website
 - Worked on providing resources for schools and students that participate in speech and debate
- 3P Speech, LLC** 8/2015 - 8/2016
Public Speaking Coach
- Taught public speaking, research, speech writing, and presentation skills

OTHER PROJECTS

- Science Alliance Network** 12/2015 - 6/2017
Primary Developer. Executive Board Member.
- Designated a website to connect students interested in conducting science research with older mentors
 - Used by more than 150 elementary and high school students in 2016

TECHNICAL SKILLS

Languages	Python, JavaScript, C, SQL, HTML, CSS, OCaml, PHP, Java
Frameworks and Libraries	Flask, Django, jQuery, D3, Bootstrap, MongoDB
Tools	Git, InDesign, Photoshop, Illustrator, LaTeX, Markdown