

BRIAN YU

brian@cs.harvard.edu · (925) 683-6881
github.com/brianyu28 · linkedin.com/in/brian-yu
www.brianyu.me

EDUCATION

Harvard College, Cambridge, MA, Class of 2019 2015–Present

- Concentration in Computer Science and Linguistics
- GPA of 4.00 (as of May 2017)
- 2017 Derek Bok Center Certificate of Distinction in Teaching
- 2016 John Harvard Scholar, 2016 Detur Prize

EXPERIENCE

Computer Science 50 (CS50), Harvard University, Cambridge, MA 2016–Present
Head Course Assistant, Teaching Fellow, Software Engineer

- Taught sections, organized and held office hours, led problem set walkthroughs on computer science, algorithmic thinking, and programming with C, Python, SQL, and JavaScript
- Developed CS50's gradebook and GitHub-based infrastructure for problem set submission and grading
- Trained teaching staff of 75 undergraduates at Harvard College
- Trained teaching staff of 30 undergraduates at the Universidad Nacional de Ingeniería in Managua, Nicaragua
- Developed tool for parsing, interpreting, and providing feedback on Clang and Valgrind error messages
- Developed tools for AP computer science teachers including teacher portal and searchable quiz bank

Computer Science 51 (CS51), Harvard University, Cambridge, MA 2017
Teaching Fellow

- Taught sections, held office hours on functional programming, abstraction, and design in OCaml
- Developed and produced curriculum for introducing students to version control software

The Harvard Crimson, Cambridge, MA 2015–Present
Digital Strategist, Designer, News Writer

- Led newspaper's data journalism team
- Wrote software to facilitate analysis of big-data stories
- Wrote graphic design software to create dynamic charts, graphs, and interactive graphics for online content
- Analyzed readership statistics and online traffic data, proposed new outreach initiatives
- Designed graphics and layouts for print and online editions

3P Speech, LLC 2015–2016
Public Speaking Instructor

- Instructor in public speaking, research, extemporaneous speech, speech writing, and presentation skills

Science Alliance Network 2015–2017
Primary Developer, Executive Board Member

- Designed and developed website to connect students interested in conducting science research with older mentors used by more than 150 elementary and high school students

Computer Science P-14300, Harvard Summer School, Cambridge, MA 2016–2017
Teaching Fellow

- Led seminars and office hours on web programming in HTML, CSS, PHP, Python, SQL, and JavaScript

TECHNICAL SKILLS

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