

Caroline Kaufman

Boston, MA

carolinekaufman.github.io

EDUCATION

Tufts University, Medford, MA — Expected graduation May 2020

B.S. in Computer Science with a second major in French

GPA 3.5, Dean's List: Fall 2017, Spring 2017

Bryn Mawr School, Baltimore, MD — June 2016

GPA 93.0, Broadus Community Service Award, National Merit Commendation

COMPUTER SCIENCE COURSEWORK AND PROJECTS

Machine Structures and Assembly Language Programming (F17), Discrete Math (F17), Data

Structures and Algorithms (S17), Web Programming (S17), Intro to CS (F16)

Ciralism Themes, Web Development and Design — February 2014 - Present

- Design, build, and distribute free Tumblr themes
- Sell commissioned custom themes

COMPUTER SCIENCE EXPERIENCE

Tufts University, Computer Science Teaching Assistant — September 2017 - Present

- Courses: Data Structures and Algorithms (COMP15, S18), Intro to CS (COMP11, F17)
- Lead breakout session lectures and coach students through weekly labs (10-20 students)
- Strengthen students' problem-solving, testing, and debugging skills in open office hours
- Evaluate and provide actionable feedback on lab and homework assignments

Tufts Girls of Code, Workshop Leader and Web Developer — January 2017 - Present

- Facilitate monthly coding workshops to expose girls ages 10-18 to computer science
- Taught a sold out RenPy "Choose Your Own Adventure" workshop to 30 girls on 11/11/17
- Led team to develop the organization website: www.eecs.tufts.edu/~laney/tuftsgoc

Girls Who Code, Summer Immersion Program Teaching Assistant — June - August 2017

- Planned and taught an eight week CS class with a teaching team, focused on web development
- Guided the design and development of six successful student projects (web apps, robots)
- Increased students' study skills and career and college readiness

Tufts JumboCode, Front-end Development and UI Design — January - May 2017

- Developed an internal dashboard for the nonprofit CodeSquad with a team of Tufts CS students
- Built front-end templates (HTML/CSS, JavaScript, Bootstrap, Django); helped to design UI

LEADERSHIP EXPERIENCE

Peer Health Exchange, Leadership Council and Health Educator — October 2016 - Present

- Teach health workshops in underserved Boston high schools
- Lead, train, and evaluate a team of new and experienced volunteer educators

Tufts FOCUS Pre-Orientation, Support Staff — August 2017

SKILLS

Programming Experience: C, C++, JavaScript, HTML/CSS

Software/OS: Git, Valgrind, GDB; Linux/UNIX

Languages: Proficient in French