ALIYA CHAMBLESS

415 810 5343 | ALIYA_CHAMBLESS@BROWN.EDU

TECHNICAL SKILLS

C++ (advanced)
Java (advanced)
JavaScript (advanced)
Python (advanced)
HTML & CSS (intermediate)
Arduino (intermediate)

Illustrator (advanced)
Sketch/Figma (advanced)
Photoshop (advanced)
UX / UI Design (intermediate)

COURSEWORK

- Algorithms and Data Structures
- Modern Web Apps
- Computer Vision
- OOP
- Computer Systems
- Designing Humanity-Centered Robots
- Graphic Design (RISD)

ACTIVITES

Discover Digital Club
- Creating a mesh network

F8 Developers Conference
- Won a GWC scholarship

Girls Who Code at Pixar
- Summer Immersion Program

Brown Art Collective
- Creating Kinetic Sculptures

NCWIT Honorable Mention
Congressional App Challenge
- District Winner

INTERESTS

- Oil Painting
- Designing Jewelry
- Wes Anderson Movies

SOCIAL

linkedin.com/in/aliyachambless
aliyachambless.com
github.com/aliyachambless

EDUCATION

BROWN UNIVERSITY   *Providence, RI*
Computer Science Sc.B. | Visual Arts A.B. | C/0 2021

LOWELL HIGH SCHOOL   *San Francisco, CA*
2013 - 2017 | 4.0 GPA

TECHNICAL EXPERIENCE

PROGRAMMING INTERN
Brightday.io | May 2018 - Aug 2018

- Tested and improved facial tracking software
- Designed and maintained a user database
- Used C++, Objective-C, Firebase, OpenCV, Dlib, REST API

TEACHING ASSISTANT FOR CS0150
Brown University | Aug 2018 - Present

- Design and improve Java curriculum for Brown students
- Debug and explain OOP concepts to students
- Grade and give feedback on assignments

CODING INSTRUCTOR
MV Code Club | May 2016 - Aug 2017

- Taught 25 1st-8th graders Scratch, JavaScript, and Arduino
- Monitored student's progress and communicated with parents
- Broke down complicated programming concepts

COMMUNICATIONS EXPERIENCE

BROWN DESIGN WORKSHOP MONITOR
Brown Design Workshop | Jan 2018 - Present

- Teach tool workshops to Brown students
- Woodworking, metalworking, 3D printing, laser-cutting
- Developed a soldering / paper circuits workshop

MUSEUM DOCENT
California Academy of Sciences / Exploratorium | 2012 - 2017

- Ran museum floor and communicated with visitors
- Demonstrated for up to 20 visitors, such as dissecting cow eyes
- Facilitated visitor projects including building simple robots