ALIYA CHAMBLESS

aliya_chambless@brown.edu

415 810 5343

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
Humanity-Centered Robots
Graphic Design (RISD)
Painting + Photography

ACTIVITIES

Discover Digital Club
   Creating a mesh network
Brown Art Collective
   Creating Kinetic Sculptures
Laser cut earrings workshop
   Introduced girls to the BDW
Brown University Film Forum
   Design screening posters
Studio monitor
   Screenprinting and photo

SOCIAL

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

Brown University — Providence, RI

Computer Science Sc.B. | Visual Arts A.B. | C/O 2021

TECHNICAL EXPERIENCE

Frontend Intern

Homeroom | May 2019 - Present

Building and implementing components for the website
Updating the website's overall styling
Improving website UI and UX

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

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