

# Mojola Balogun

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## EDUCATION

### RICE UNIVERSITY

BS IN COMPUTER SCIENCE

Expected May 2021 | Houston, TX

GPA: 4.17

### STRAKE JESUIT COLLEGE PREPARATORY

June 2017 | Houston, TX

GPA: 4.04 | Summa Cum Laude

## COURSEWORK

### UNDERGRADUATE

Elements of Algorithms

and Computation

Introduction to Engineering Design

Philosophical Aspects of Cognitive

Science (Computational Theory)

### HIGH SCHOOL

Advanced Data Structures

and Algorithms

AP Computer Science (5)

AP Calculus BC (5)

Projects in Computer Science

## SKILLS

### PROGRAMMING

Confident:

Java • Python • JavaScript

HTML • CSS • Wordpress

Familiar:

C++ • Android • VB.NET

Git • MySQL • Flask

### TECHNICAL

Computer Repair and Maintenance

Microsoft Suite • CAD • Arduino

Raspberry Pi • 3D Printing

OpenCV • Adobe Creative Suite

### LANGUAGE

Fluent

English

Conversational

Yoruba • Spanish

## HACKATHONS

### HACKRICE 7 | HOUSTON, TX

2017

### HP CODEWARS | HOUSTON, TX

2015, 2016, 2017

## WORK EXPERIENCE

### RICE IT DEPARTMENT | STUDENT COMPUTING CONSULTANT

Oct 2017 – Present | Houston, TX

- Perform data recovery/transfer, virus removal, computer repairs, and both software and hardware troubleshooting
- Work with students and faculty to solve technical problems they were facing

### APEX HOMES REALTY | WEB DEVELOPER AND SECRETARY

Jul 2016 – Mar 2017 | Houston, TX

- Automated several routine office tasks to increase office efficiency and productivity
- Created a website using Wordpress for an up-to-date look and feel
- Scanned and organized large amounts of paper data, digitizing over 50% of paperwork

## COMMUNITY INVOLVEMENT

### STRAKE JESUIT IT DEPARTMENT | STUDENT HELPER

Aug 2016 – Jun 2017 | Houston, TX

- Helped students solve issues they faced on their school-issued iPads
- Acted as a mediator between the IT Department and the student body to communicate on-campus tech problems

### HIGHER ACHIEVEMENT PROGRAM | ROBOTICS INSTRUCTOR

Jun 2016 – Jul 2016 | Houston, TX

- Taught programming and Arduino robotics to minority and under-privileged youth to encourage them to pursue STEAM careers

## EXTRACURRICULARS

### STRAKE JESUIT COMPUTER SCIENCE CLUB | PRESIDENT

Aug 2014 – May 2017 | Houston, TX

- Led and trained a team of programmers in java and algorithms for participation in computer science competitions
- Raised over \$1000 through LAN Parties to host Hackathons and Hour of Code for stem awareness amongst students

### FIRST ROBOTICS ENGINEERING TEAM (3847) | PROGRAMMER

Aug 2013 – Dec 2016 | Houston, TX

- Developed vision applications using OpenCV for automation, scoring, and field obstacle detection
- Programmed robot subsystems on the roborio controller using wpilib java according to team specifications

## AWARDS AND HONORS

2017	National	AP Scholar with Distinction
2017	National	Questbridge Scholars Program
2017	High School	Senior Computer Science Award
2017	High School	Principal's Honor Roll
2016	High School	Best in AC Data Structures
2015	High School	Best in AP Computer Science