

# Aakash Bangar

COMPUTER SCIENCE STUDENT

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## Education

### University of St Andrews

BSc (HONS) COMPUTER SCIENCE

St Andrews, United Kingdom

September 2016 - June 2020

## Experience

### American Express

TECHNOLOGY SUMMER INTERN

Burgess Hill, United Kingdom

June 2019 - August 2019

- Wrote production code to aid in replacing a legacy system.
- Built an application from ground up (full stack) to be used to score candidates at recruitment events.

## Projects

### Major Group Software Engineering Project

University of St Andrews

2019

- A minimal communication device in the form of a BBC micro:bit. Able to send messages via radio, pull and display tweets from twitter (and use sentiment analysis in order to filter them), give updates on news and weather and finally have a customised version of guitar hero.
- Written using: C++, Javascript, HTML, CSS, Python.

### Round Robin Scheduler

University of St Andrews

2019

- An application implementing the Round Robin algorithm in order to schedule processes.
- Written using: C.

### Error Correcting Codes

University of St Andrews

2019

- A program implementing both Hamming and Reed-Muller codes in order to correct binary strings.
- Written using: Java.

### Slumdoctor Project Website

Volunteer

AUGUST 2019 - CURRENT

- A website used by the Slumdoctor Project in order to advertise the charity.
- Written using: React, CSS

## Skills

**Languages** Java, C, C++, Python, JavaScript, HTML, SASS, SQL

**Frameworks** React, AWS, Docker, GraphQL, Node

## Awards

### StacksHack (Hackathon)

St Andrews, United Kingdom

3RD PLACE

March 2017

- Making use of the accelerometer in an Arduino in order to control a Javascript based flash game.
- Written using: Python, Javascript, HTML & CSS.

## References

References available upon request.