

## EDUCATION

### Tufts University, School of Engineering, Medford, MA

B.S Computer Science 2018

Dean's List: Spring 2015, Fall 2016

### Maple Leaf International School, Dhaka, Bangladesh

Edexcel GCE A-Level 2013

Edexcel IGCSE O-Level 2011

## RELEVANT COURSEWORK

### CURRENT

Databases, Web Engineering, Computational Theory

### COMPLETED

Data Structures, Algorithms, Machine Structure & Assembly Language, Discrete Mathematics, Web Programming, Introduction to Computing in Engineering, Introduction to Electrical Systems, Digital Logic

### INDEPENDENT/MOOC

Harvard CS50: Introduction to Computer Science (edX), Server-side development with Node.js (Coursera), Ruby on Rails: An introduction (Coursera)

## PROJECTS

### FREEHUB

Web program that lets the user track and post about events where free food will be served

Languages/tools: Javascript, HTML/CSS, Node.js, Express.js

### IMAGE COMPRESSOR/DECOMPRESSOR

Program that reads in a PPM image file and compresses it into a file containing 32-bit packed words which it can decompress back into the original image

Languages/tools: C

### UNIVERSAL MACHINE

Software implementation/ emulator of a virtual machine capable of performing simple operations

Languages/tools: C

## EXPERIENCE

### JAAGO FOUNDATION

Office Intern

Dhaka, Bangladesh

Jan 2014 to Mar 2014

- Created and maintained member database via Excel spreadsheet.
- Assisted in organizing official events by inviting guests and volunteers by phone and email.
- Monitored and posted contents on the organization's social networking sites.

## SKILLS

**PROGRAMMING LANGUAGES:** C/C++ (Proficient), Javascript (Proficient), HTML/CSS (Proficient), x86 Assembly (Familiar), Ruby (Familiar), Matlab (Familiar)

**DATABASES:** MongoDB

**TECHNOLOGIES:** Git, Heroku, Node.js, jQuery, JSON, Microsoft Office, Express.js, Linux

**LANGUAGES SPOKEN:** English (Native or Bilingual Proficiency), Bengali (Native or Bilingual Proficiency)