

# AZAD RAHMAN

## Contact

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An Aspiring Software  
Developer, A Tech-Enthusiast,  
and A self-motivated CS  
Undergraduate Student

## Skills

### LANGUAGES

C++  
C  
RACKET (SCHEME)  
JAVA  
VISUAL BASIC 6  
JAVASCRIPT

### TOOLS/Frameworks

GIT  
NODE  
LINUX  
OOP  
DESIGN PATTERNS  
FULL SDLC  
MVC  
EXPRESS  
MongoDB  
REST  
Semantic UI  
PassportJS  
jQuery  
Bootstrap

### SOFT SKILLS

Effective organizational  
skills through different  
projects and other  
activities  
Strong communication,  
interpersonal,  
presentation and writing  
skills  
Excellent leadership  
qualities  
Working effectively in a  
team  
Constructively critique  
peers' work  
Quick learner  
Follow instructions  
precisely

## Education

### Udemy

The Web Developers Bootcamp 2017

Took this course last term on Udemy and acquired all the valuable skills required to work with the modern full-stack web development

### University Of Waterloo

Bachelor of Computer Science 2020

Part of UW Cricket Club, UW Computer Science Club, UW Badminton Club and TEDxUW

## Projects

### MyChamberCrawler

Nov 2016

- A Rogue-Like video game with a command-line interface
- Wrote high-quality C++14 code implementing different OOP concepts
- Implemented different design patterns(strategy, factory method, decorator etc)
- Earned invaluable skills of unit testing and collaborative software development with a colleague

### C(WLP4) Compiler

Mar 2017

- Wrote a compiler for a small subset(WLP4) of C in C++14
- The program parses C-code and detects any errors in syntax and logic
- It converts code into assembly code followed by machine code simulating a generic compiler

## Employment

### Elite Cars Limited · Software Developer

Aug 2014 to Apr 2015

Chittagong, Bangladesh

- Created a Car Rental Management Software to replace the existing system at Elite Cars Limited
- Used Visual Basic 6, WIN32 technologies and Microsoft Access to create a custom-made software
- Software tackled all the problems with the previous business methods that the company employed
- The efficiency of the company's data processing improved by 45% after implementing the software

### Chittagong Junior Coders' Club · Instructor

Summer 2014, Summer 2015

Chittagong, Bangladesh

- Conducted introductory programming classes for elementary and high school students
- Prepared students for participation in the National High School Programming Contest
- Taught basic CS concepts like arrays and string manipulation with VB6

## Awards

### President's Scholarship

May 2015

University of Waterloo

Received a \$2000 entrance scholarship for exceptional academic standings

### The Duke of Edinburgh International Award

May 2015

DOE Awards Foundation

Received the bronze and silver medals for excellence in community service, physical fitness and practical and social skills

### The Daily Star Award for Top Achievers

Mar 2016

The Daily Star Newspaper, Bangladesh

Received this award in recognition of excellence (2 A\*s and 2 As) in the A Level exams that I wrote in the May/June 2014 and May/June 2015 exam sessions

## Volunteering

### Jaago Foundation · Fund-raising

Winter 2014

Chittagong, Bangladesh

Raised CAD 170 which was added to the fund that helped Jaago Foundation build a free school for underprivileged children

### Hack the North · Event Security

Sep 2016

University of Waterloo

Ensured that only HTN delegates can attend HTN events by checking for customized HTN lanyards