

Azad Rahman

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EDUCATION

UNIVERSITY OF WATERLOO

BACHELOR OF COMPUTER SCIENCE

Expected April 2020 | Waterloo, ON

Part of UW Cricket Club, UW Soccer Club, UW Badminton Club, TedX UW and UW Computer Science Club

ACHIEVEMENTS

WINNER @ TOHACKS

May 2018, University of Toronto

Came first among 120 participants at the hackathon

CHALLENGE FINALIST @ TOHACKS

May 2018, University of Toronto

Recognition for the best hack that gives companies the ability to understand customer sentiments and thoughts efficiently

PRESIDENT'S SCHOLARSHIP

May 2015, University of Waterloo

Entrance scholarship awarded to the students with exceptional academic standings at high school

THE DAILY STAR AWARD FOR TOP ACHIEVERS

Mar 2016, Dhaka, BD

Recognition of excellence (w/ 2 A*'s and 2 As) in the A Level exams written in 2014 and 2015

SKILLS

PROGRAMMING

Languages

C/C++ • Java • JavaScript

Racket(Scheme) • Visual Basic 6

Tools/Frameworks

Design Patterns • Full-SDLC • MVC

OOP • REST • API calls • Git

MongoDB • Express • Node

Google Firebase • Passport JS

Bootstrap • Assembly • MIPS

EXPERIENCE

BLUE SKY SOLAR INC. | WEB DEVELOPER INTERN

May 2018 – Aug 2018 | Mississauga, ON

- Made UI changes to the <https://www.blueskysolar.ca/> website
- Created different business solutions on the website
- Implemented strategies for on-page SEO
- Contributing to the development of new and exciting features to optimize UX
- Fixed bugs
- Tested the newly developed functionality
- Solved problems both independently and with the team
- Contributed to software documentation and processes

ELITE CARS LIMITED | SOFTWARE DEVELOPER

Aug 2014 – Apr 2015 | Chittagong, BD

- Was responsible for developing 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
- The 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

PROJECTS

SENTALYTICS

May 2018 - June 2018 | Toronto, ON

- Integrated the Reddit data into the database

MYCHAMBERCRAWLER

Nov 2016 | Waterloo, ON

- 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 | Waterloo, ON

- 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