

**Izma S. Hoque**  
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## **OBJECTIVE**

I am submitting this resume for a job in the Computer Science field to use my computer skills in programming, data structure, algorithms and research skills, and to learn new challenging computer related skills that may help in my future career.

## **HIGHLIGHTS**

- Bachelor of Science (B.S.) in Computer Science
- Received Dean's List Certificate for outstanding achievement for the Fall 2018 semester
- Programming
  - Knowledge and practice of Linux environments
  - Worked with a team to create a weather app, Gale N Go, using Android Studio and the Agile Process
- Algorithms
- Data Structure
- Electronics
- Summer Internship at National Institutions of Health (NIH), Bethesda, MD
  - Knowledge of science project
  - Wrote a research plan
  - Wrote research report
  - Basic understanding of life science laboratory research knowledge and technologies such as cell culture, incubation, pipetting, and western blot.

## **CERTIFICATIONS**

- ICAgile Certified Professional - Agile Test Automation
- ICAgile Certified Professional - Agile Testing

## **PROGRAMMING LANGUAGES**

- Java
- Python
- C
- SQL
- C++

## **EDUCATION**

- **Bachelor of Science (B.S.):** Computer Science, **George Mason University**; Volgenau School of Engineering, 4400 University Dr, Fairfax, VA 22030, Tel: (703) 993-1000  
Graduated: May 2019

## **RELEVANT EDUCATION AND COURSE WORKS**

- CS 471 Operating Systems
- CS 469 Security Engineering
- CS 455 Computer Communications and Networking
- CS 468 Secure Programming and Systems
- CS 450 Database Concepts
- CS 485 Autonomous Robotics
- CS 321 Software Engineering
- SWE 437 Software Maintenance and Testing
- CS 483 Analysis of Algorithms
- CS 310 Data Structures
- CS 330 Formal Methods and Models
- CS 367 Computer Systems and Programming
- CS 306 Synthesis of Ethics and Law for the Computing Professional
- CS 262 Introduction to Low Level Programming
- CS 211 Object-Oriented Programming
- CS 112 Intro Computer Programming
- CS 105 Computer Ethics and Society
- CS 101 Preview of Computer Science
- ECE 301 Digital Electronics
- STATS 344 Probability and Statistics for Engineers/Scientist I
- MATH 213 Analytic Geometry & Calculus III
- MATH 203 Linear Algebra
- MATH 125 Discrete Mathematics I
- MATH 114 Analytic Geometry & Calculus II
- MATH 113 Analytic Geometry & Calculus I
- COMM 100 Public Speaking
- GAME 101 Introduction to Game Design

## **HACKATHONS**

2018: Patriot Hacks

2018: Technica

## **CLUBS**

2012-2015 Interact Club (Community Service)

2013-2015 Key Club (Community Service)

2013-2015 Virginia Math League

2014-2015 Sigma Tau Sigma (Leadership program)

## **VOLUNTEER EXPERIENCE**

2014: Color Run 5K

2013: Homeless Shelter Loudon Transitional Housing Program

2013: Blood Drive

2012: Blood Drive

2012: Presidential Election Booth

2012: ADAMS Fundraising  
2011: ADAMS Fundraising

### **SIDE PROJECT**

2011-Present: Bdesb Foundation

### **SCIENCE RESEARCH EXPERIENCE**

- Conducted an International Science and Engineering Fair (ISEF) Science Fair Experiment of the effects of Alfalfa Pellets on Grass Clippings.
- Worked on Sjogren's syndrome in NIH (National Institute of Health).

### **AWARD/FELLOWSHIP**

- June-August 2014: Obtained a fellowship at the National Institute of Dental & Craniofacial Research (NIDCR), National Institute of Health (NIH), Bethesda, Maryland.

### **REFERENCES**

- Available upon request