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Md. Al-Amin

CAREER OBJECTIVE

Seeking challenging career in Software Development sector to get a position of responsibility, using my skills efficiently to implement my ideas and views and commit myself for achieving organization objectives with the team effort and my positive attitude and performance. I just want to learn, work hard and try my best to achieve my company's goal.

EXPERIENCES

Problem Solving and Contests:

- **UVa** (uva.onlinejudge.org) : 600+ problems solved (username: alamin92)
- **Codeforces**(codeforces.com): 460+ problems solved, Highest Rating in contests: 1795(Expert)(username: alamin_sust)
- **Google Codejam**-2014,2015,2016 (username: Alamin)
- **Facebook HackerCup**-2014,2015,2016,2017 (username: alamin1992)
- **Topcoder**(topcoder.com): Highest Rating in contests: Expert(username: alamin_sust)
- **LightOj**(lightoj.com): 100+ problems solved(username: alamin_sust)
- **Hackerrank**(hackerrank.com): Highest Rating in contests: O(1)(username: alamin_sust)
- **Codechef**(codechef.com): 120+ Problems Solved. Highest Rating in contests: 2093(5*)(username: alamin_sust)
- **Rosalind**(rosalind.info): 36 Bio-informatics Problems Solved.

Also solved problems and participated in contests at: icpcarchive.ecs.baylor.edu(alamin_sust), spoj.com(alamin_sust), poj.com(alamin_sust) etc.

ACHIEVEMENTS

Programming Contests:

- **ACM International Collegiate Programming Contest (ICPC) DHAKA REGIONAL - 2013**
 - Team : SUST_Osompricto
 - **Position: 21th**
- **National Collegiate Programming Contest (DNCPC) – 2014**
 - Team : SUST_AFM
 - **Position: 12th**
- **ACM International Collegiate Programming Contest (ICPC) DHAKA REGIONAL - 2014**
 - Team : SUST_Googly
 - **Position: 31th**

- **State University of Bangladesh Inter University Programming Contest- 2014**
 - Team : SUST_Vaporized
 - **Position: 8th**
- **Bangladesh University of Engineering and Technology Inter University Programming Contest - 2015**
 - Team : SUST_AGE
 - **Position: 15th**
- **National Collegiate Programming Contest (RUET NCPC) - 2015**
 - Team : SUST_GOOLY
 - **Position: 8th**

Also participated in IUT ICT FEST-2015, ACM ICPC DHAKA REGIONAL 2015, SUST CSE CARNIVAL-2015, SUB IUPC-2016, UAP NCPC-2016 and some other National and International Programming Contests.

PROJECTS

Bitbucket url: https://bitbucket.org/alamin_sust/

- **Web Projects in Java Spring** (with jsp,html,css,javascript,jQuery,bootstrap,mysql):
 - **Shimanto Rokkha (Border Protection)** : A web application used by the Border Guards of Bangladesh(BGB) to protect border. Soldiers' live locations(with a mobile application sending locations(gps) after every few seconds) are showed in the web application so that the higher officials can observe the soldiers in real time.
 - **kustomklassifieds.com** : A web application for buying and selling automobiles.
 - **kujaza.com** : Package delivery website having customers and shippers.
 - **Routerfinder** : Finds optimum routes for the newspaper deliveries by the delivery boys.
 - **Route Tracker**: Tracks routes of the employees of a company with google maps api and admin can see and control their movements.
 - **Pdf Extractor**: converts pdf to excel and extracts data by matching patterns.
- **Projects in Java and OracleDB** (with jsp,html,css,javascript,jQuery,bootstrap):
 - **e-SHOPPER** : An e-commerce Website on selling and purchasing goods and necessary household products online.
 - **MyWebChat** : An online Chat Website(anonymous chat/group chat/individual chat /chat with Bot program)
- **Projects in Java and MongoDB** (with jsp,html,css,javascript,jQuery,bootstrap):
 - **MyMongoBlog** : A Blogging Website.
- **Projects in Java** (with jsp,html,css,javascript,jQuery,bootstrap):
 - **WordBubblesRising** : A game on vocabulary skill testing.

Some Other e-Commerce, Travel, Chatting etc. web applications are also developed with Spring.
Some other academic projects in C,C++ and Java are also done.

RESEARCH & PUBLICATIONS

Research Area: **Sentiment Analysis.**

Study Areas: **Machine Learning, Natural Language Processing, Data Mining, Data Science and Data Analytics, Pattern Recognition.**

Published Papers in IEEE Conferences:

1. Md. Al-Amin, Md. Saiful Islam, Shapan Das Uzzal, "**Sentiment analysis of Bengali comments with Word2Vec and sentiment information of words**", International Conference on Electrical, Computer and Communication Engineering (ECCE), pp. 186-190, 2017. <https://ieeexplore.ieee.org/document/7912903/>
2. Md. Al-Amin, Md. Saiful Islam, Shapan Das Uzzal, "**A comprehensive study on sentiment of Bengali text**", International Conference on Electrical, Computer and Communication Engineering (ECCE), pp. 267-272, 2017. <https://ieeexplore.ieee.org/document/7912917/>
3. Md. Saiful Islam, Md. Al- Amin, Shapan Das Uzzal, "**Word Embedding with Hellinger PCA to Detect the Sentiment of Bengali Text**", The 19th International Conference on Computer and Information Technology (ICCIT-2016), 2016. <https://ieeexplore.ieee.org/document/7860224/>

*Currently working on Artificial Neural Networks to get better performance and accuracy in Sentiment Analysis of Bengali and English.

SKILLS

Operating System: Windows and Linux.

Language & Framework: C, C++, Java, Python, HTML, CSS, Bootstrap, JSP, JavaScript, Spring Framework.

Database: Oracle, MySql, MongoDB.

IDE: Codeblocks, IntelliJ Idea, NetBeans.

CURRENT JOB & POSITION

Working since: 1st November 2016. (This is my first job)

Software Engineer (Development),
Therap (BD) Ltd.,
Banani, Dhaka, Bangladesh.

Working Area: Web Application Development with Java Spring Framework (Full Stack) with jsp, html, css, javascript, bootstrap, oracle, mybatis and hibernate.

EDUCATION

B.Sc. (Hons.) in Computer Science and Engineering,
Shahjalal University of Science and Technology, Sylhet.
Year: 2011-2016
CGPA: 3.52/4.0

Higher Secondary Certificate (H.S.C)
Blue Bird School and College
Year: 2011, Board: Sylhet.
GPA: 4.9/5

Secondary School Certificate (S.S.C)
Blue Bird School and College
Year: 2009, Board: Sylhet.
GPA: 5/5

PERSONAL DETAILS

Name: Md. Al-Amin
Nick Name: Al-Amin
Father's Name: Md. Haronur Rashid Mullah
Mother's Name: Sherin Akter
Date of Birth: 11-07-1992
Nationality: Bangladeshi

REFERENCES

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