

Sadan Mallhi

SOFTWARE ENGINEER

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Objective

To find an employment opportunity at a firm that will help me learn new techniques and technologies whilst also helping me grow as an individual. I want to be part of a team that will allow me to fully express my skills as a computer scientist.

Experience

Programmers Force (Start-Up Company)

FULL STACK WEB DEVELOPER AT PROGRAMMERS FORCE

Lahore, Pakistan

Aug. 2016 - Present

- Developed, deployed and maintained various products using many different stacks (Quickbit, ShuftiPro, EPP)
- Managed all the servers at the company and engineered the company's deployment process

Undergraduate Project, Bloomsburg Weather Viewer

SOFTWARE DEVELOPER FOR DR. BRUNSKILL & DR. JONES

Bloomsburg, PA, USA

Jan. 2016 - May. 2016

- Studied the needs of the Geology professor Dr. Brunskill
- Worked on the front-end of the application, charting libraries, video feed

Undergraduate Research, Arduino Liquid Volume Sensor

RESEARCH ASSISTANT FOR SAMUEL S. GROSS

Bloomsburg, PA, USA

May. 2014 - Aug. 2015

- An automated liquid volume sensor that calculates the volume of a specific liquid in any straight walled container.
- Designed the entire concept alongside Prof. Gross, using an Arduino Uno, programmed in C.

Education

Bloomsburg University

B.S. IN COMPUTER SCIENCE, GPA: 3.47

Bloomsburg, PA, USA

Aug. 2013 - May. 2016

- Relevant Courses: Algorithm Analysis, Computer Graphics, Theory of Computation, Computer Security, Data Structures, Database Design, Networking, Object Oriented Programming, Operating Systems

Lahore Grammar School

GCE O'LEVELS

Johar Tower, Lahore, Pakistan

Aug. 2008 - May. 2011

- Relevant Courses: Math, Statistics, ICT, Commerce, Physics, Chemistry, English, Urdu

Publication

Multiclass Classification with Multinomial Logistic and Multinomial Probit

RESEARCH ASSISTANT FOR MEHDI RAZZAGHI

Bloomsburg, PA, USA

Jan. 2016 - May. 2016

- Research discussing the difference between two popular regression models for modeling categorical data, namely logistic regression and probit regression
- Conducted and compiled the results of various experiments and simulations using the R statistical programming language
- We summarized our finding in a paper which was submitted to the journal; *Communications in Statistics - Simulation and Computation*

Skills

Languages

JavaScript, PHP, Java, HTML, CSS, C++, C, R

Frameworks

Node.js, Express.js, CodeIgniter, Unity3D

DevOps

Docker, Travis, Jenkins, Bash, Git, Linux Server Administration

Penetration Testing

Metasploit, Nessus, Wireshark, w3af, Kali Linux

Others

Self-motivated, excellent time management skills, fast learner, fluent in English and Urdu.