MOHAMED BUSHRY

No. 284, Dhehigahakotuwa, Madawala Bazaar.

Tel: +94 812470876 Mobile: +94 755054307, +94 729875695  
Email: almbushry@gmail.com

**CAREER OBJECTIVE**

*Looking for an opportunity to improve the skills through the capacities and capabilities in the field of Mechatronics that can provide professional stability and confidentiality while being resourceful to the industry by offering as much as possible*

**EDUCATIONAL QUALIFICATIONS**

**Open University of Sri Lanka, Nawala**

Bachelor of Technology in Mechatronics Engineering, December 2013

*Relevant courses*: Control Systems Engineering, Sensors and Actuators, Vibration and Fault Diagnosis, Microprocessors and Interfacing, Engineering Mathematics, Power Electronic and Motor Drives, Machine Vision, Material and Manufacturing Technology, Dynamics of Mechanical Systems, Factory Automation, Robotics, Modern Control Systems

**University of Ruhuna, Matara**

Bachelor of Science in Physical Science, May 2012

*Relevant courses*:

Major- Mathematics, Chemistry, Computer Science

Optional- Physical fitness & health management, Accounts, Management, Communication skills, Computational statistics, Electronics, Microcontroller practical, E-Commerce, Advanced software engineering concepts, Internet services & protocols

**G.C.E. A/L (2003) at Madina National School, Madawala Bazaar**

Passed with B & 2C’s in Combined Mathematics stream

**G.C.E. O/L (2000) at Madina National School, Madawala Bazaar**

Passed with 6D & 4C’s

**WORK EXPERIENCE**

**Nippon Plastic Industries (Pvt) Ltd, Kurunegala**

*Student Intern,* January 2011- June 2011

* + - Got familiarized with hydraulic and pneumatic systems of molding machines
    - Got familiarized with working methods of basic electrical and electronic devices of molding machines
    - Assisted the rewiring work in Tatming TME-75 injection molding machine
    - Detected and rectified the faults encountered in hydraulics circuits while the machines are in operation
    - Practiced with the maintenance routine of molding machines

**Brandix Casualwear Ltd, Ekala, Ja-Ele**

*Student Intern,* September 2011- February 2012

* + - Designed and built Marking Table for marking the loop position on trouser cut-outs
    - Actively involved in design and production of Dip Dye Machine that for apparel dyeing process
    - Developed Auto Loop Cutter Machine such as cuts and shifts six by six loops continuously using Array controller
    - Converted controller of Velcro Cutting Machine from Thinget to Array as economical solution
    - Designed and constructed Regiform (Polystyrene) Ball Sucker Machine for making cloud works on T-Shirts by burning dye of fabric using Potassium permanganate (KMnO4)
    - Actively involved to design and production of Unloading Bay Conveyor system to reduce time of unloading in stock handling section

**PROJECTS**

**Blocking System Unauthorized Use of ATM Machines**

* + - Designed and built a system to block unauthorized use of ATM machines
    - Constructed the system for detecting persons with unrecognizable wearing using image processing
    - Used skin colour information and haar feature techniques to determine recognizable face of user
    - Modeled the ATM cabin door system with fail secure electric strike lock control using Arduino Uno

**Vehicle Security Controlling System**

* + - Designed and built a vehicle security controlling system with three other teammates
    - Used PIC 16F877A Microcontroller for controlling main functions
    - Designed the model with different four digital password for Start, Security, Lock and Unlock functions
    - Developed the model with password changing option

**Mechatronics Product design Project**

* + - Designed and built a machine to move continuously along the C shaped iron plate and to stop at the white spot specified
    - Developed the machine for running with internal power supply

**Exam Registration, Scheduling and Monitoring System**

* + - Designed and constructed a system to register the semester end exams online with my teammates
    - Developed the system with separate registration options of supervisor, student, invigilator, laboratory and exam halls
    - Cooperated with my team to combine ideas and to make, document and present a final system

**Transistor Tester Project**

* + - Designed a transistor tester to identify the terminals and type of junction transistors
    - Built a base terminal finding model and developed it to find collector and emitter terminals and to determine whether NPN or PNP types

**SKILLS**

Programming : C++, Java, HTML, 8051 Assembly Language, PHP

Software : Matlab, AutoCAD, MS Office, SolidWorks

Language : English (Proficient), Tamil (Fluent), Sinhala (Proficient), Arabic (Conversant)

**EXTRA CURRICULAR ACTIVITIES**

* + - Involved in social works organized by faculty student union and by civil organizations
    - Took part in Leadership Program conducted by Young Men’s Muslim Association (YMMA) in 2012
    - Participated annual school sports meet, university fresher’s meet and faculty day competition
    - Employed as Monitor of classroom, Member of Muslim Majlis, etc.
    - Participated Meeladun Nabi Competition, Maths Competition, Essay Competition, etc.

**PERSONAL INFORMATION**

Name in full : Abdul Latheef Mohamed Bushry

Sex : Male

Nationality : Sri Lankan

Date of Birth : 28’th of June 1984

Age : 30 years

Civil Status : Single

NIC. No. : 841800931v

**REFEREES**

**Eng. WR de Mel**

Senior Lecturer Gr 1,

Department of Mechanical Engineering,

Open University of Sri Lanka,

Nawala, Nugegoda.

Tel: +94 112881360

Email: [wrmel@ou.ac.lk](mailto:wrmel@ou.ac.lk)

**Eng. Sarath de Silva**

Factory Manager/Engineer,

Nippon Plastic Industries (Pvt) Ltd,

Bathalagoda, Ibbagamuwa,

Kurunegala.

Tel: +94 375671256

Mobile: +94 777007594

I do hereby solemnly declare that the above particulars furnished by me are true and accurate to the best of my knowledge.

A.L.M. Bushry