Europass
Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Ashish Kumar Basak**
Address(es)	House: Via Della Resistenza 64, Int H, Spre, Povo 38123 Trento, Italy
Telephone(s)	Mobile: +393270470305
E-mail	ashish021@gmail.com
Skype	ashish_kbit@skype.com
Nationality	Bangladeshi
Date of birth	28/12/1983
Gender	Male

Career Objectives	To make the best use of my technical expertise in logic development & data analysis in a research based career; hence to acquire and apply advanced knowledge in a particular field, "Machine learning", "Semantic Web", "Human Computer Interaction"
Research Interest	**Machine Learning, Knowledge Management, Formal Methods**
Desired Employment	**Research Associate, Software Engineer**

Work experience

Dates	19th June, 2012 - 19th December, 2012
Occupation or position held	Software Developer
Main activities and responsibilities	- Responsible for development of new programs, analyzes current programs and processes, and making recommendations which yield a more cost effective product. - Writes, edits, and debugs new computer programs for assigned projects, including necessary records and desired output - Research and recommend software tools to management
Name and address of employer	Home on Line Web S.r.l, Via Lazzaretto, 19, Milano, Italy. Web: www.homeonline.it
Type of business or sector	E-commerce, Document service provider
Dates	1st August, 2007 - 31st July, 2010
Occupation or position held	Senior Software Engineer
Main activities and responsibilities	- Designing, coding and debugging applications in various software languages. - Software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis. - Object-oriented Design and Analysis (OOA and OOD) - Software modeling and simulation - Front end graphical user interface design - Performance tuning, improvement, balancing, usability, automation
Name and address of employer	Noocleus Media Bangladesh Limited, Dhaka, Bangladesh. Web: www.noocleusmedia.com
Type of business or sector	Software Development & IT Service Provider

Education and training

Dates	September, 2010 - March, 2013
Title of qualification awarded	**Master of Science in Computer Science**
Principal subjects covered	Major: Software Technologies
Name and type of organisation providing education and training	Università degli Studi di Trento, Trento, Italy. 32123, Trento, italy
Master Thesis	**"Entity Integration via Semantic Entity Matching"**

Dates	March, 2002 - March, 2006
Title of qualification awarded	**Bachelor of Science in Computer Science and Engineering**
Principal subjects covered	Major: Software Engineering
Name and type of organisation providing education and training	Khulna University of Engineering and Technology (KUET) 9203, Khulna, Bangladesh
Undergraduate Thesis	**"Further Compression of JPEG Images for Multimedia Communication"**

Dates	April, 2012 - June, 2012
Title of qualification awarded	**Software Developer as stage/Intern**
Principal occupational skills covered	- Develop software modules according to the specifications - Document software modules developed by the trainee - Participate in system test and system integration - Debugging software modules
Name and type of organisation providing education and training	Fondazione Bruno Kessler (FBK); www.fbk.eu Via Sommarive 18, Povo 38050 Trento, Italy

Personal skills and competences

Mother tongue(s)

Bengali

Other language(s)

Self-assessment

European level (*)

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
English C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
Italian **Hindi** A1	Independent user	A1	Independent user	A1	Basic user	A1	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Computer skills & competences

Programming languages	Java (JEE6, EJB & Webservice technologies with Security, Spring Framework, Hibernate etc), Visual Basic, C/C++, PL/SQL, Assembly Language, OpenGL, Prolog, NuSMV, SPIN Model Checker
Scripting languages (web)	PHP, Perl, Ruby on Rails, Coldfusion, AJAX, XML, HTML, VBScript, JavaScript
Database server	Oracle8i/9i/10g over Linux/ Sun Solaris, MS SQL, MySQL, PostgreSQL

Social skills and competences

- Good problem solver.
- Have strong organization and communication skills.
- A good team worker, flexible, can work under pressure.
- Well-mannered, smart, structured, disciplined, punctual.
- Have good IT, computing and internet skills.
- Able to work across the cultures and organizational boundaries.
- Good communication skills.

Other skills

- Travelling, Mountain-Trekking, Hiking, Biking
- Playing Football, Cricket and Table Tennis, Volleyball etc

Additional information

Projects Conducted/Developed at Post-Graduate level:

- As the requirement of the Course 'Computer Security', Performed requirements & organizational model analysis, risk assessment analysis, defining access control model and security policy & Architecture and Enforcement Mechanism for post issuance software update of smart cards.
- As the requirement of the Course 'Requirement Engineering', conducted project, Conducting Feasibility Study on online real estate marketplace, Modelling Class, Use Case, Sequence and State Diagrams, Identifying Software Requirements Specification. Using Si* and ASTAH.
- As the requirement of the Course 'Network Security', Developed java based secure social network client for smart phone (android).
- As the requirement of the Course 'Laboratory of the service design and engineering', develop various soap and restful web services using JAXWS, Dozer, and EJB with MySQL database.
- As the requirement of the course 'Formal Methods' simulate the various problems and test using NuSMV and SPIN Model checker.

Courses Conducted at Post-Graduate level:

Mathematical Logics, Logics for Data and Knowledge Representation, Formal methods, Programming Languages: Semantics, Computational Complexity, Computability, concurrency Theory, Agent Oriented Software Engineering, Computer Security, Network Security, Requirement Engineering, Human Computer Interaction, Laboratory of Service Design and Engineering

Academic awards

- Full Academic Scholarships for Masters of Science study; that includes the full waiver of the tuition fee and covers living expenses for full 2.5 years. Awarded by: Opera Universitaria di Trento, Provincia Autonoma di Trento, Italy on behalf of University of Trento.
- Received Scholarship from Bangladesh Scholarship Council (**BSC**), Dhaka, Bangladesh Scholarship, 2002-2003
- Merit Scholarship for Bachelor of Science & Engineering study based on Academic Results from Khulna University of Engineering & Technology (KUET), Bangladesh 2002-2005

References

Available upon request.