

Kamran Azmat

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TECHNICAL SKILLS

Programming Languages	: Python – learned from Coursera (Rice University) Java, C, Perl (Familiar) – learned from engineering modules like Data Structure and Algorithms; Object Oriented Programming
Data Science	: Rapid Miner, Tableau, Weka, R, D3.js, NLTK
Web Programming	: HTML, CSS, Java Script, PHP, Git, Bootstrap, AJAX, JSON – developed while doing the final year project in engineering and Internship from Lattice Innovations
Databases	: Oracle 11g, MySQL MongoDB – learned from MongoDB University
Operating Systems	: Linux (Ubuntu), Windows
Frameworks	: Bottle Framework, Django – learned from DjangoBooks.com

EDUCATION

MSc in Computer Science (Negotiated Learning)

09/2016 – Present

University College Dublin (Specialization in Data Science)

Dublin, Ireland

Anticipated graduation date : **09 / 2017**

Modules:

Data Mining, Information Visualization, Data Science in Python, Seminar Series on Data Science, Text Analytics, Topics in Computational Network, Machine Learning, Big Data Programming, Adv. Data Structures in Java, Intro to Relational Database & SQL Programming

Bachelors of Technology in Information Technology

07/2016

Maulana Abul Kalam Azad University of Technology (formerly WBUT) (7.73 / 10)

Kolkata, India

Modules:

Operating Systems, Software Engineering, Object Oriented Programming, Image Processing, Computer Graphics, Computer Architecture, Formal Language in Automata Theory, Database Management System, Data Structures and Algorithms, Computer Networking, Computer Organization, Data and Analysis of Algorithm, Compiler Design

Final Year Project : **Post-Graduate Admission Website**

➔ The purpose of the project was to develop a website to handle the Post-Graduate admission for our University.

Team Size : 4

Role Played : Lead the team to successful completion of the project. The project was a valuable learning experience.

Technologies used : PHP, MySQL, HTML, CSS, Java Script, AngularJS, Bootstrap, Apache HTTP Server, Bitnami, Amazon Web Services (AWS), Postmark, FileZilla, PuTTY

Link : <http://kamranazmat.bitnamiapp.com/student/>

WORK EXPERIENCE

Junior Software Developer (Part-Time Internship)

September – October 2015

Lattice Innovations Pvt. Ltd.

Kolkata, India

They are a team of doers with experience in developing diagnostic devices, surgical tools and information systems in India and USA, across both rural and urban settings.

I was recruited for this medical technology design firm based on **HackForHire**, Kolkata-2015 results.

Worked on front-end related issues on their live project - www.camtechmgh.org such as form validation and charts for dashboard.

Skills developed : AngularJS, JavaScript, Bootstrap

Developer (Summer Internship)
Tata Steel Ltd.

June – July 2015
Jamshedpur, India

Department Covered : ITS – Projects
Project Title : Creating Multiple File Upload Control in ASP.Net
Team Size : 5
Features : Grid view, Maximum file upload limit at a time – 10, Maximum upload size – 25 MB, Prevent duplicate file upload, Multiple file download as zip, Multiple file deletion

OTHER QUALIFICATIONS

1. M101P: MongoDB for Developers	MongoDB University
2. Hardware Security - Distinction	Coursera – University of Maryland
3. Software Security - Distinction	Coursera – University of Maryland
4. Cryptography	Coursera – University of Maryland
5. Usable Security	Coursera – University of Maryland
6. Principles of Computing	Coursera – Rice University
7. An Introduction to Interactive Programming in Python	Coursera – Rice University
8. Programming Mobile Applications for Android Handheld Systems	Coursera – University of Maryland
9. Introduction to Linux	edX – The Linux Foundation
10. Introduction to Computing with Java	edX - HKUST

MINI PROJECTS

These games were a part of MOOCs – “An Introduction to Interactive Programming in Python” and “Principles of Computing”.

[Tic Tac Toe game](#), [RiceRocks game](#), [Pong game](#), [Memory game](#), [Guess The Number game](#), [2048 game](#)

They all are written in Python.

AWARDS

- InOut 2.0 – Hackathon Sardar Vallabhbhai National Institute of Technology, Surat Third Prize (Salesforce Category)	11 / 2015
- HackForHire – Hackathon 10,000 Startups A NASSCOM Initiative Second Prize – Build a MongoDB based app using Python	08 / 2015
- Anwesh '14 – Annual Techno-Cultural Festival Indian Institute of Technology – Patna First Prize in “ Best out of Waste ” – made photo frame with old newspapers	01 / 2014

PERSONAL INTERESTS

- Voluntary Work Indialogue Foundation – Kolkata branch Helped in organizing various social events and helped students with their studies	2014 - 2016
- Tech – savvy, Coding	
- Playing Table Tennis, Cricket, Chess	