

# Kamran Azmat

13, Fforster Crescent, Ballydowd Manor, Lucan, Co. Dublin

+353 89 988 7029

[kamran.azmat@ucdconnect.ie](mailto:kamran.azmat@ucdconnect.ie)

[www.kamranazmat.com](http://www.kamranazmat.com)

<https://ie.linkedin.com/in/kamranazmat>

<https://github.com/kamranazmat>

## 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)

University College Dublin (Specialization in Data Science)

Anticipated graduation date : **09 / 2017**

09/2016 – Present

Dublin, Ireland

#### Modules:

Data Mining, Information Visualization, Data Science in Python, Seminar Series on Data Science, Text Analytics, Introduction to Information Security, Machine Learning, Big Data Programming, Advance Data Structures in Java, Introduction to Relational Database & SQL Programming

### Bachelors of Technology in Information Technology

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

07/2016

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)

Lattice Innovations Pvt. Ltd.

September – October 2015

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](http://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

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

## MINI PROJECTS

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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

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

## PERSONAL INTERESTS

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- <b>Voluntary Work</b> IT Consultant Turkish-Irish Business Development Association – Dublin, Ireland Helping organize various social events and mentoring students with their academic studies Indialogue Foundation – Kolkata, India	October 2016 – Present    2014 – 2016
- Tech – savvy, Coding	
- Playing Table Tennis, Cricket, Chess	