SHUBHAM KUMAR JAIN

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EDUCATION

Stony Brook University, NY   **Aug 2017 - Present**
Master of Science, Computer and Information Sciences

Jaypee Institute of Information Technology, Sector-62, Noida, India   **Aug 2013 - May 2017**
Bachelor of Technology (B.Tech.) with Honours, Computer Science & Engineering
with CGPA 8.0 out of 10.0
Relevant Courses: Machine Learning and Big Data Analytics, Data Warehouse and Business Intelligence, Combinatorics

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java
Web Languages & Frameworks: HTML, CSS, Bootstrap, JavaScript, PHP
Database: MySQL
Graphic/UI Design: Adobe Photoshop, Adobe Illustrator

WORK EXPERIENCE

UI/UX Designing Intern   **Dec 2015 - Jan 2016**
Boiban-it, Noida, India
- I improvised the user interface and experience of the Android application by devising minimalistic icons to describe all the functionalities to the user without much text and coded the same on Java and XML.
- I have also designed the user interface for the website using HTML, CSS and Bootstrap.

Co-founder   **Nov 2014 - Nov 2015**
D'mensio, Delhi, India
- I co-founded a digital marketing media startup that aimed to digitalize a company's presence by designing websites, portfolios, brochures, logos and merchandises via awespiring graphics.
- I worked to envisage the ideas of our clients using Adobe Illustrator & Photoshop to offer quality services in branding every possible domain.

CERTIFICATIONS

Python for Data Science and Machine Learning Bootcamp, Udemy   **Jul 2017**
License UC-DE4Z0TP1
Machine Learning A-Z™: Hands-On Python & R In Data Science, Udemy   **Jul 2017**
License UC-8WP3YF2P
Deep Learning A-Z™: Hands-On Artificial Neural Networks, Udemy   **Jul 2017**
License UC-5T8Z4XOY
Introduction to Python for Data Science (edX) Course, edX   **Jul 2017**
License 3390138

ACADEMIC PROJECTS

Multi-Agent Programming   **Jan 2017 - May 2017**
- Multi-Agent Programming is built on the basic idea of Artifical Intelligence where an agent reacts with its environment to perform some actions and achieve its goals.
- I solved the famous N-Queen Problem using existing algorithms where each queen acted as an agent & the chess board as the environment.
- I created the application in Java while coded the algorithms in 2APL (A Practical Agent Programming Language), which uses the BDI Model (Beliefs, Desires, and Intentions).

Stock Market Price Analysis   **Aug 2016 - Dec 2016**
- I gathered the stock prices of 5 major IT firms i.e. HCL, Infosys, Wipro, Oracle, TCS from Yahoo Finance from 2008-2015, and analyzed & visualized the data using 4 different strategies (Regression analysis, Bollinger band etc.), all implemented in PHP.
- The project also calculates the ongoing trend and helps in buying/selling of stocks. I also made use of HighCharts to present the current and the predicted trends graphically.

Data Analysis and Encryption Transfer System (D.A.R.T.S)   **Jan 2016 - May 2016**
- Similar to a concept of dart which is projected towards its destination, D.A.R.T.S implements 5 different algorithms namely, RSA, AES, DES, Image Steganography and a self made algorithm to encrypt and securely transfer files of 5 different formats (.txt, .pdf, .doc, .jpg and .png) over a network.

2048   **Nov 2014 - Nov 2014**
- Based on a popular game, I devised the game on C from scratch using multi link lists with heavy use of graphics and mouse programming.

EXTRA CURRICULAR ACTIVITIES

Graphic Designer & Volunteer
Rotaract and Khwahishein Foundation (NGOs), Delhi, India
- I volunteered to work for Rotaract Club of South Delhi, and Khwahishein, and designed 20+ posters for the events like Blood Donation Camps, education awareness campaigns etc.
- I have also organized the blood donation drives, taught children in slums and planted seeds with them for a greener India.

Freelance Content Writer
Icy Tales, Kolkata, India

President of Techno Sreshthas
D.A.V.Public School, Shreshtha Vihar, Delhi, India
- I have won the "Senior Whiz Kid Award" in 2012 for my considerable efforts in organizing the school's techno fest.
- I have designed various editions of quarterly school magazine "Techno Times", which gave a gist of current tech updates.

Team Member
Google Developers Groups JIIT and Jaypee Model United Nations and Jaypee Official Social Media Marketing Team, Noida, India