

SHUBHAM KUMAR JAIN

Graduate Student, Stony Brook, NY, US

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EDUCATION

- **Stony Brook University, NY, US** 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 worked on improving the user interface and experience of the Android application by devising minimalistic icons to describe all the functionalities to the user without much text. Coding the same for the application using Java and XML files was also one of my job roles. I also designed the user interface for the website using CSS and Bootstrap.
- **Co-founder** Nov 2014 - Nov 2015
D'mensio, Delhi, India
D'mensio was 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 the clients using Adobe Illustrator 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-5T8Z4X0Y
- **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 Artificial Intelligence where an agent reacts with its environment to perform some actions and achieve its goals. Taking this concept in mind, I solved the famous N-Queen Problem using each queen as an agent. The environment (i.e. the board) is created in Java while the algorithms in ZAPL, which uses BDI Model (Beliefs, Desires, and Intentions).
- **Stock Market Price Analysis** Aug 2016 - Dec 2016
Post gathering the stock prices of 5 major IT firms i.e. HCL, Infosys, Wipro, Oracle, TCS from Yahoo Finance from 2008-2015, I analyzed and 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.
- **Personalized Interest Based News, Uprest** Aug 2015 - Dec 2015
Uprest, a personalized interest based news website, aims to provide the readers a soothing user experience to make them feel relax on their chairs while sipping a cup of coffee. After scrapping the several sources, the news is filtered in accord with the user's interests. I developed the front-end on HTML, CSS (Bootstrap) & JavaScript so as to make the website responsive, browser-compatible, safe and secure. I have used CSS Transitions & Animations to provide even the minute features with small animations so as to give an eye-relaxing user interface to the reader.

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 organized various events and won the "Senior Whiz Kid Award" in 2012 for my considerable efforts in organizing the school's techno fest. Apart from that, I have also designed various editions of quarterly school magazine "Techno Times", which gave a gist of current tech updates.
- **Team Member**
Google Developers Groups IIIT and Jaypee Model United Nations and Jaypee Official Social Media Marketing Team, Noida, India