Vaibhav Sharma

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EDUCATION

BOSTON UNIVERISTY
MS in Computer Science
Expected Dec 2018 | Boston, MA
Cum. GPA: N/A

DELHI UNIVERISTY
BTech in Computer Science
July 2013- June 2017 | Delhi, India
83 % | 3819/4600

NAVY CHILDREN SCHOOL
Highschool
May 2013 | Delhi, India
92 %

LINKS

Github:// **vaibhav19sharma**
LinkedIn:// **vaibhav19sharma**
Website:// **vaibhavsharma.net**

COURSEWORK

GRADUATE
Advanced Algorithms
Formal Methods for High-Assurance SE
Graduate Databases

UNDERGRADUATE
Android Development
Operating Systems
Artificial Intelligence
Theory of Computation
Computer Graphics
Information Security
Discrete Structures

SKILLS

PROGRAMMING
Python • C++ • Javascript • MySQL
Flask • HTML • Java • SAT Solver/ Z3
• Android • Mathematica • LATEX

PROJECTS

LINEAR REGRESSION IN PYTHON USING PANDAS | Prediction of stock prices based on their past rates
Oct 2017 - XX 2017 | Boston, MA
- Using real time data from **AlphaVantage** , I predicted the prices of stocks using linear regression in python.

PHOTOSHARE | Image sharing web app using Flask on Python and MySQL database
Sept 2017 - Oct 2017 | Boston, MA

- Use cases such as User management, Album and Photo management, Top Users, *You may also like* etc.

INTERNET OF THING | Remotely control a buzzer
Jan 2017 - March 2017 | Delhi, India
- Worked in a team of 5 to create a prototype for remotely controlling electronic appliances. We controlled a LED Buzzer's brightness using HTML control options.
- I create the Arduino code for the buzzer and documented the whole project

LOCATION SEARCH | Android App to search nearby places
July 2016 - Oct 2016 | Delhi, India
- Worked on creating an android based application to detect a users location using Google Maps API and then based on his input search for places in 5km radius.
- Created the UI for android app and implemented Google Maps functionality.
- Managed a team of 5 people.

RESEARCH - PROGRAMMING AND PAPERS

PROGRAMMING - DIFFERENTIAL EQUATIONS June 2016 – July 2017 | IIT, Delhi, India
Worked as a trainee for Mr.H.K. Malik, professor, IIT-Delhi for 4 weeks. The training focused on developing a C++ code for solving Korteweg–de Vries differential equations.

PROGRAMMING - ROBOTICS Jan 2016 - June 2016 | Haryana, India
This project focused on developing a robot to change its path if any object came in its way. My role in this was to help students get thorough with coding principles and fix the errors in the program.

RESEARCH PAPER - UNIVERSAL IDENTIFICATION CARD April 2016 | Delhi, India
Presented a paper on 'Universal Identification Card' at Shaheed Sukhdev College of Business. The research was on creating a Universal Identification Card using software engineering principles. We used Spiral Model to demonstrate different phases in the project lifecycle.

AWARDS AND CERTIFICATIONS

Year	Certification	Institution
2015	Web Designing (HTML, CSS, J-Query)	Web-Tech Labs, Delhi, India
2015	Web Designing (HTML, CSS, J-Query)	IBM, Delhi, India
2014	Java(Core)	NIIT, Noida, India
2013	C and C++	NIIT, Noida, India