

Aneesh Bhatnagar

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Education

University at Buffalo

MS IN COMPUTER SCIENCE

GPA: 3.81/4.0

Buffalo, NY

Feb 2018

Amity University

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

GPA: 7.56/10

Noida, India

May 2015

Experience

University at Buffalo

TEACHING ASSISTANT FOR COURSERA BLOCKCHAIN SPECIALIZATION

- Working as a teaching assistant to develop course materials and web-based tools using Node.js, ReactJS and Web3JS for the new Blockchain specialization course on Coursera.

Buffalo, NY

Sept 2017 - Jan 2018

Brandonama Creatives

WEB DEVELOPER

- Worked as a web developer creating multiple responsive websites from scratch to finish using Node.js, JavaScript, WordPress and many more technologies.
- Managed a small team of engineers in developing web projects.

New Delhi, India

May 2015 - June 2016

Letsintern.com

TESTING INTERN

- Performed quality assurance for the Let's Intern Android application over a period of 6 months on a variety of devices.
- Created test cases and submitted reports highlighting issues with the app.

New Delhi, India

Jan 2013 - June 2013

Skills

Programming: Python, Java, JavaScript, Android, HTML, CSS, C++, C, SQL, PHP, SQLite, MongoDB

Frameworks: WordPress, Bootstrap, Hadoop, Spark, Node.js, ReactJS, AngularJS, D3.js, jQuery

Operating Systems: Linux, Ubuntu, CentOS, Windows, OSX

Tools and Services: Git, Amazon Web Services(AWS), Digital Ocean, Heroku, Docker, REST APIs, Google Analytics

Projects

Real Time Twitter Analytics Dashboard

- A data analysis dashboard that takes in a search term and fetches tweets in real time
- Visualized the metadata from all the retrieved tweets using D3.js in real time

Node.js, JavaScript
<http://www.aneeshbhatnagar.com/twitter-dashboard/>

Association Rule Mining using Apriori Algorithm

- Performed Association Rule Mining using the Apriori Algorithm in Python to generate rules for a gene dataset
- Implemented query parsing and response to queries using logical operations on multiple fields

Python

Amazon Dynamo Style Key-Value Database

- Built an Amazon DynamoDB style database using Android emulators as distributed servers
- Implemented random consistent failure tolerance and data replication

Java, Socket Programming

N-Quire Question Answering System

- Question answering system built using Python's CoreNLP
- Finds relations using Python and indexes them in Solr for easy querying
- Training data crawled from Twitter

Python, JavaScript
<http://www.aneeshbhatnagar.com/n-quire/>

Blood Donation System

- A web application that allows people to see if their blood group is needed at a blood bank
- Sends out emails to users if their blood group is needed at any blood bank near them
- Also serves as a REST API for its Android app

PHP, HTML, CSS