RUCHIT MODI

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WORK

Media.Net Software Services (India) Pvt. Ltd., Mumbai, India   July 2018 – Present
Software Development Engineer 2
- Developed Nero Parent Analyser to show contextual ad keywords on a webpage using information from the content of its parent url webpage
- Created Search Doc Topix which gives Bing search results and important relevant phrases of any keyword
- Worked on Term Bandit project that explores similar intent keywords and exploits the best keyword earning higher revenue per impression
- Designed and developed APIs and GUIs of applications along with maintenance and enhancement tasks

Deloitte Consulting India Pvt. Ltd., Mumbai, India   May 2015 – July 2015
Business Technology Analyst (Intern)
- Created custom visualforce pages and controllers/extensions based on client requests, and created Apex triggers to automate certain tasks on insertion/update of records in Salesforce.com
- Optimized triggers to increase efficiency and meet the Governor Execution limits of Salesforce.com
- Developed custom JavaScript buttons on standard Salesforce pages to submit approval requests

EDUCATION

Veermata Jijabai Technological Institute (VJTI), Mumbai, India   May 2016
Bachelor of Technology in Information Technology   CGPA 9.61/10.00

Final Year Project: Email Classification Using Supervised Learning Algorithms
- Devised an Email Classification algorithm using Machine Learning and Natural Language Processing to help classify emails into custom user-defined labels
- Carried out data preprocessing using tokenization, stop words removal and stemming, and implemented two classification algorithms, k-NN and Naive Bayes Classifier on Enron Dataset
- Published a technical paper in Advances in Intelligent Systems and Computing (AISC, volume 564) series of Springer 2017 (https://doi.org/10.1007/978-981-10-6875-1_9)

Other Minor Projects
- *Company-Clinic Database Management System*: Database application to maintain records of employees and their dependents availing treatment at their employer's clinic developed using Java and MySQL
- *Tic Tac Toe*: AI game in Python developed using min-max algorithm and alpha-beta pruning
- *Snake-2, Minesweeper*: Application games developed using Java AWT and Swing tools respectively

Royal College of Science, Arts and Commerce, Mumbai, India   February 2012
Higher Secondary School Certificate (HSC) Examination   94.83%

TECHNICAL

- Languages: C/C++, Java, Python, MySQL, HTML5, CSS3, JavaScript, JSP
- Tools: Git, Maven, Redis, Kafka, Hive, HBase, Jupyter
- IDEs: Intellij Idea and Pycharm, Visual Studio Code, Sublime Text, Eclipse, Netbeans

ADDITIONAL

- Award Recipient, JRD Tata Scholarship (2015 & 2016) for excellent academic performance
- Runner up, Android Application Coding Challenge (2015), Credit Suisse Group
- Runner up, Technohunt (2015), a treasure hunt inspired coding competition in Technovanza, VJTI
- Treasurer, Interact Club (2009-10), a Rotary sponsored social service club organizing community service initiatives