Rohit Gupta
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Education

University Of Colorado, Boulder	**Aug 2015-May 2017**

Masters Of Science in Computer Science, GPA : 4.0

Indian Institute Of Technology, Roorkee	**Aug 2006-May 2010**

Bachelors Of Technology in, Electrical Engineering

Technical Skills

Programming Skills: Python, Java, PHP, Javascript, SQL, Shell-Scripting
Software Packages: Git, MySQL, MongoDB, Junit, Selenium, Amazon EC2

Work Experience

Software Engineer Intern, Playstation Network	**May 2016-Aug 2016**

- Wrote UI automation tests in Java and Selenium for **Merchandise Manager,** a Java based web application.
- Wrote Junit tests to improve the code-coverage of the back-end modules.

Software Developer, Kiwi Inc	**Sep 2013-May 2015**

- Developed back-end and front-end modules for android games **Enemy Lines** and **Heroes** in Java and PHP**.**
- Solely designed, implemented and delivered **Alliance Stats**, **Happy Hour** features end to end.
- Implemented backend and frontend of Leader-board and Chat for **Heroes** using Redis.
- Coordinated with design and QA team for feature enhancement and bug-fix.

Application Operations Engineer, Intuit Inc	**May 2012-Aug 2013**

- Carried out packaging and release operations of over 2500 products during the tax season.
- Automated various components of smoke testing by writing an array of utility scripts in shell.

Software Developer, Transbit Technologies	**May 2011-May 2012**

- Re-factored and optimized core modules and significantly reduced crash rate.
- Created new plug-ins for core product tBits and its administration modules.
- Significantly contributed to company's revenue by extending and customizing modules for various clients.
- Mentored recruits and quality assurance team members in Java and SQL.

Projects

- Collected admission data of Masters program of US universities using Beautiful Soup in Python, and inferred insights using machine learning techniques.
- Wrote a sentiment analyzer in python to assign polarity to hotel reviews. Classified reviews in positive and negative categories using Naive Bayes and Support vector machines.
- Wrote a Hangman solver in Python. Came up with a sophisticated algorithm which used pattern matching, unigram probabilities to determine the next guess.
- Created a database of NHL teams, players, schedule, stanley cups etc. Wrote python and shell scripts to extract data, and stored it Relational and NOSQL databases.
- Developed a web application and its admin module, for a research project in Civil Engineering department at CU Boulder, in PHP and MySQL