Sharoon Srivastava

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Objective:
To obtain a full time position in the field of software engineering.

Education:
Bachelor of Science – computer science   May 2017
Purdue University, IN

Project Experience:

Commonality   Aug 2016
Wrote a small web app which displays the common movie names when multiple actors' names are entered. Used HTML parsing on IMDb to fetch the data.

BattleSnakes   Aug 2015 – Dec 2015
Created a crowdsourced version of the classic snake game with two snakes which battle against each other. Inputs are sent in real time using iClickers and the snake moves in the direction of the majority. Also implemented several features to a python library to interact with the iClickers.

Prediction Premier League   July 2015 – Aug 2015
Launched a small website for a group of friends which allows them to predict the results of soccer matches and calculate points. Implemented features such as leaderboards and points history. Used external APIs to fetch the match data in machine readable form.

Songify   Oct 2015
Used google's speech recognition API to write a python script which plays the song from youtube when the user says it's name. Implemented it on a Raspberry Pi to eliminate the need of a display.

GetGuru app   Jan 2015 – May 2015
Implemented a RESTful API for an android app which helps students find tutors based on ratings & reviews. Worked on features such as location based searching and used the socketIO library for real time chat & chat history.

Work Experience:

Enova International – Chicago, IL | *Software Engineering Intern*   May 2016 – July 2016
Worked in a shared service architecture to implement new features for the account home of their new brand. Wrote the API and designed the page to implement features such as making a payment and updating credit card information. Interacted with several microservices including payment gateway systems. Wrote unit (Rspec) and acceptance (Cucumber) tests for all the features implemented.

Delphi Automotive – West Lafayette, IN | *Software Engineer*   Sept 2015 – Dec 2015
Automated the updating of multiple pre-existing databases for new automotive parts. Also implemented new features such as creating different PDFs for defective parts from different areas to help manage the new data better.

Unistal Systems – New Delhi, India | *Web Developer Intern*   July 2015 – Aug 2015
Developed the webpage which allows the user to reset their login password. Took care of server and database security and prevented SQL injections.

Skills
C++, C, Java, Python, Ruby, nodeJS, Matlab, Django, Flask, Ruby on Rails, Sinatra, SQL, PHP, HTML, CSS, jQuery, Javascript, Bash Scripting, UNIX, Git/SVN, Agile/Scrum, Database Automation, Test Automation, TDD, BDD, Unit Testing