Sree Harsha Mamilla

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Education

Deep Learning Nanodegree • Udacity	Expected June 2018
Masters in Computer Science • California State University, Sacramento • GPA: 3.45	Dec 2016
Bachelors in Computer Science • Jawaharlal Nehru Technological University • GPA: 3.4	May 2013

Experience

Software Developer at VSP Vision Care, Sacramento CA   Mar 2017 – Present
- Member of a team that is currently developing a portal, used by the marketing and sales to generate insurance quotes for clients [Angularjs, JAX-RS, Drools]
- Was a member of a team that worked on re-writing a legacy portal and built supporting RESTful microservices [Angular, Spring Boot, Cassandra]. Was responsible to keep the portal up to date with angular release versions.
- Experience working with Angular, Spring, JUnit, Cucumber, Jasmine, Jenkins DSL, Splunk, Chef and Cassandra

Software Developer Intern at VSP Vision Care, Sacramento CA   May 2016 – Dec 2016
- Built an internal web portal that facilities QA and automation engineers to manage, coordinate test data. Helps reduce engineer's time spent on fixing data specific tests [Angularjs, JAX-RS]
- Built an android application POC for VSP members, which lets them check their vision care eligibility and promotions [Android]
- Experience working with JAX-RS, Angularjs, JUnit, JBehave, Jenkins, Git, Splunk and Chef

Java Intern at Dun & Bradstreet, Malibu CA   Sept 2015 – Dec 2015
- Primarily worked on fixing bugs in the customer care portal, adding integration tests and worked with DBA's to optimize timed-out SQL queries [Spring Web Flow]
- Experience working with Spring, Spring WebFlow, Hibernate, and Git in an agile development environment

Certifications & Achievements

- Google certified Associate Android Developer
- Team stood 2nd for developing an Android application and deploying web services on Microsoft Azure in 2014 "Modern Entrepreneur" 24 hour Hackathon hosted by the Microsoft, the Department of CS CSUS and the ACM

Technical Skills

Languages	:	Java • JavaScript • Kotlin (fam_lar)
Web Development	:	HTML • CSS • Node.js • JQuery • Angular • Bootstrap • D3js
Application Dev.	:	Native Android Application
Databases	:	Oracle 11g • Cassandra
Tools / Other	:	JUnit • Mockito • Jbehave • Expresso • Maven • Git • Jenkins • Eclipse • Android Studio • JIRA

Projects

Dog Breed Classifier (CNN)   Feb 2018 – Feb 2016
- Built a convolutional neural network that determines the breed of a dog in an image
- It uses transfer learning from ResNet50 bottle neck features which has been trained on ImageNet data set [Python, CNN, Keras, Tensorflow, Numpy, Jupyter]

Hop In   Oct 2015 – Apr 2016
- Developed an event based carpool android application that consumes Node.js RESTful web services
- The application lets user either to posted details about the event with the number of seat available in their car or lets them to search events and if interested, ask the event creator for a lift/hitch a ride [Java, Android SDK, RxJava, Retrofit, Node.js, Expressjs, MongoDB, Google APIs, JWT and JSON]

SumoBot with Johnny-Five   July 2016 – July 2016
- Assembled and built a sumobot by programming an Audrino in JavaScript with Johnny-five (JS library for Robotics and IOT) [JavaScript. Johnny-Five JS, Audrino, SumoBot kit]

Minute Tracker   Nov 2015– Dec 2015
- Developed a web application (MEAN stack) that tracks and categorizes daily tasks of the user
- The application provides the user with a dashboard of the amount time spent on each category [Angularjs, Bootstrap, Node.js, MongoDB, Expressjs, D3js, Mongoosejs, JWT and JSON]

My Data Tracker   Jan 2015 – May 2015
- Member of a team that developed an android application, that helps the user take control of their mobile data usage and save money by keeping track of data usage of all devices in their shared data plan [Java, Android SDK, AChart Engine, C#, .Net, SQL Server, JSON]

LobeSplit, an Android Music Player   Aug 2014 – Sep 2014
- Developed a fun music player that lets user to listen to two different audio file simultaneously, one song streaming through each earphone [Java, Android SDK]