

GEORGE V MATHEW

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EDUCATION

North Carolina State University(Aug 2014 – May 2016(Expected)) **Raleigh, NC**

MS- Computer Science **4.0/4.0**

Amrita School Of Engineering(Jul 2008 – May 2012)

Coimbatore, India

Bachelor Of Technology, **3.956/4**

University Silver Medalist & Department Gold Medalist

WORK EXPERIENCE:

Graduate Research Assistant (Oct 2014 – Present):

- Working on Software Effort Prediction using Machine Learning Techniques under [Dr Tim Menzies](#) as part of [RAISE](#) lab.

VDP IT Solutions (Oct 2013 – June 2014):

- Developed [crowdchat.net](#), a hash-tag based chat platform. It enables people from different social media networks to communicate on a common hash-tag. It was built using the NodeJS Redis stack. Bootstrap, jQuery and client jade were used to develop the user interface
- Worked on [platform.crowdchat.net](#), a data analytics platform that helps you connect with people and subscribe to their activities on twitter. The application was built on the Java MySQL stack and successfully scaled to hold more than 250 GB of analyzed data. Full text search was provided using Apache Solr.

Payoda Technologies (Jun 2012 – Sept 2013):

- Created a REST based module in AppViewX(Product of Payoda Technologies) to add a device into mongoDB (NO-SQL based database).
- Created an aggregation script on mongoDB using map-reduce to aggregate statistics periodically.
- Created a topological view to show hierarchy of an application in a device using jQuery.

TECHNICAL PROFILE:

- Programming Languages:** C, C++, Java, Javascript, Python
- Database :** MySQL, Redis, MongoDB
- Website Development :** HTML, CSS, jQuery, Bootstrap, Wordpress
- Machine Learning :** MATLAB, Octave, scikit-learn, Weka
- Frameworks :** expressJS, nodeJS, Django, Spring MVC, OSGi
- Utility Tools:** Google Maps API, Elasticsearch, Solr

PERSONAL PROJECTS

- Created [region.io](#), an online bookmark manager.
- [Sentiment Analysis](#) of twitter feeds using Bayesian model.
- Created a [Digital Sphygmomanometer](#).

AREAS OF INTEREST:

- Machine Learning
- Web Development
- Algorithms and Data Structures

ACHIEVEMENTS:

- Gold Medal at National Mathematics Olympiad in class 12.
- Best Fresher for the year 2012 – 2013 at Payoda Technologies Coimbatore