AMOL GADE

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PROFESSIONAL SUMMARY:

- Software engineer at QuickBase Inc. with 1+ years of professional experience (Aug 2016 - Current)
- MS CIS graduate(Aug 2016) with a strong foundation in software development, machine learning, deep Learning, statistics, algorithms, data visualization and data science.
- Experienced with JAVA, Python, TensorFlow, JavaScript, R, D3JS, C++, SQL, HTML and CSS.
- Completed a Master's research thesis and three major projects as a graduate student. Also, completed Google's coding challenge (Google Foobar)

EDUCATION:

- University of Massachusetts Dartmouth, North Dartmouth, MA **[Aug 2016]**
  MS in Computer and Information Science
  CGPA: **3.73 /4.00**
- University of Pune, India **[May 2012]**
  BS in Computer and Information Science

TECHNICAL SKILLS

- **Programming:** Java, Python, JavaScript, R, C++, SQL, HTML, D3.JS and CSS
- **ML technologies/Libraries:** TensorFlow, H2O.ai, SentiWordNet, import.io, POS tagger, PyCharm CE
- **Tools/frameworks:** Github, Trello, JIRA, Gradle, TestNG, WebdriverIO, SQL Developer, Oracle db, PostgreSQL, Apache Tomcat, IntelliJ IDEA, Eclipse

WORK HISTORY:

Software Engineer **[Aug 2016–current]**
QuickBase Inc, Cambridge, MA
Contributions to automated e2e test, API test, UI development, bug fixes and improving development productivity. Worked with Java, Python, JavaScript, SQL dev, Oracle DB, Apache tomcat, Agile SD, JIRA

Teaching Assistant **[Sept 2014–Dec 2014]**
University Of Massachusetts Dartmouth, North Dartmouth, MA
Teach JAVA basics and Agile Software development to undergraduate level students.

ACADEMIC Research/Publications/PROJECTS

- **Publication:** "Smart Real Estate Assessments Using Structured Deep Neural Networks," In *Proceedings of the 2017 IEEE International Conference on Smart City Innovations (IEEE SCI 2017)*, August 4-8, 2017, San Francisco, CA, USA, pp. 1126-1132
- **Master's Thesis: *Towards Structured Deep Neural Network for Predictive Analytics*** **[April 2016]**
  Designed and presented structurally connected deep neural network which is more accurate, time efficient, space efficient, significantly reduces chances of overfitting and takes fewer data points for training. Used Java, Python, Tensorflow, H2o.ai, Import.io, R.
- **Master's Project, Machine learning: House Selling Price Predictor** **[Aug 2015]**
  Improved "House Selling Price Prediction" accuracy using neural networks model. The model predicts selling price of a house using selected features including house features, market features, neighborhood features and public records for the house. Used Java, R, Import.io, H2o.ai.
- **Summer Project, NLP: Rating Product Features using Online Reviews** **[Sept 2014]**
  To help online customers to make better decisions on purchasing products, the model rates features of products on Amazon.com using online reviews posted by its consumers.

Relevant Coursework: Algorithms and complexity, Data Structures, Artificial Intelligence, Machine learning, Statistics, Deep learning, Parallel and Distributed Computing, Data visualization, Software development, Software Testing and Quality Assurance, Object-oriented modeling and Design, Software Design Patterns, Formal methods for software engineering, Theory of Computation.