ABHISHEK KARAN

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LinkedIn: /in/abhishek-karan-64743445 • AVAILABLE: **May-Aug 2018**

EDUCATION

Northeastern University, Boston, MA
College of Computer & Information Science. Sep 2017 - Present
Candidate for a Master of Science in Computer Science. Expected Graduation: May 2019
Related Courses: Algorithms, Programming Design Paradigm.

Manipal Institute of Technology, Manipal, KA, India May 2017
Bachelor's Degree in Information Technology.
Related Courses: Neural Networks, Database Systems, OOPs, AI, Cloud Computing, Applied Linear Algebra.

TECHNICAL KNOWLEDGE

Language & Databases: Java, SQL, PHP, C#, Oracle, MySQL, MongoDB.
Cloud & Analytic Tools: Azure Machine Learning Studio, AWS Machine Learning, MS Excel, R, Python.
Frameworks: Spring, .NET, NodeJS.

RESEARCH PUBLICATION

Predicting Bankruptcy using Machine Learning Algorithms. Feb 2016

- Published a technical research paper which provides machine learning regression algorithms of 97% accuracy for bankruptcy predictions. Link: `http://aircconline.com/ijci/V5N1/5116ijci10.pdf`

WORK EXPERIENCE

State Bank of India Life Insurance, Navi Mumbai, India. Jun-Jul 2016
Android Developer, Summer Intern.

- Developed an Android application using Java and .NET web services for real-time customer feedback to enhance client experience for life insurance purchases and off-line banking.

Cerner Healthcare Solutions, Bangalore, India. Jan-Jun 2017
Software Developer, Seasonal Intern.

- Deployed a 9-Tier service oriented Automation & Visualization software using Microservices and Object-Oriented concepts to linearize the intern allotment procedure.

ACADEMIC PROJECTS

Local Binary Pattern-Orthogonal Three Planes (LBP-TOP): A Parallel Approach Jan-Apr 2016
Manipal Institute of Technology, Manipal, India

- Improved the LBP-TOP algorithm by harnessing the power of computing cores in parallel loops, programmed in MATLAB which significantly reduced the algorithmś running time distribution for grey-scale images.

Bankruptcy Predictor Aug-Dec 2016
Manipal Institute of Technology, Manipal, India

- Deployed a JSP/Servlet based web application on Azure Machine Learning Studio which classifies companies as bankrupt or healthy using machine learning algorithms.

CERTIFICATIONS & ACHIEVEMENTS

- Understanding & Applying Factor Analysis and PCA from Pluralsight. Mar 2017
- Phillips #Hackabout'16, Data Analytics Hackathon: Member of the runner's up team. Sep 2016
- Developing Windows Azure and Web Services Jump Start from Microsoft Virtual Academy. Mar 2015
- Certified Advance Java Trainer, completed SEP-Certificate Course in Advance Java. Aug 2014