

ABHISHEK KARAN

1185 Boylston St. Apt. 56, Boston, MA, 02215

617 637 1418 • karan.a@husky.neu.edu • <http://www.abhishekkaran.xyz>

<https://www.linkedin.com/in/karanabhi> • AVAILABLE: Aug 2018 - May 2019

EDUCATION

Harvard University, Cambridge, MA

Jun 2018 - Present

Harvard Extension School

Related Course: Introduction to Data Science.

Northeastern University, Boston, MA

College of Computer & Information Science

May 2019

Candidate for Master of Science in Computer Science

Related Courses: Algorithms, **Data Mining Techniques**, Web Development, Database Systems

TECHNICAL KNOWLEDGE

Languages: Java, C#, **SQL**, NoSQL, Elixir, **Python**, **R**, PHP, React JS, HTML5 & CSS3, D3.js

Cloud & Analytic Tools: Azure Machine Learning Studio, **AWS Machine Learning**, MS Excel

Frameworks: Spring, Phoenix, .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

InkDLab, Boston, MA.

Apr 2018 - Present

Graduate Researcher

- Developing a story telling web application with customized characters in React using Redux and d3.js
- Maintaining production level web servers in Heroku

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

Hospital System

Apr 2018

Northeastern University, Boston, MA

- Deployed a web application on **AWS** which provides real-time diagnostics of the symptoms and emergency conditions of patients using service oriented architecture
- Developed a tracking system for the nearest hospitals, pharmacy, doctors and other healthcare units from user's current location using **RESTful Api**

MBTA Bus Tracker

Apr 2018

Northeastern University, Boston, MA

- Developed a real-time Massachusetts Bus tracking system in Elixir using Phoenix Framework
- Applied service oriented architecture for data transfer across multiple 3rd party apis

CERTIFICATIONS & ACHIEVEMENTS

- Successfully completed **AWS Certified Developer - Associate** exam Jan 2018
- Successfully completed "Understanding & Applying Factor Analysis and PCA" from Pluralsight Mar 2017
- Successfully completed "How to Think About Machine Learning Algorithms" from Pluralsight Mar 2017
- Phillips #Hackabout'16, Data Analytics Hackathon: Member of the runner's up team Sep 2016