Keval Khara

Boston, MA 02215 || +1(857)-800-5579 || kevalk@bu.edu
Website: http://www.kevalkhara.com || LinkedIn: https://www.linkedin.com/in/kevalkhara || GitHub: https://github.com/kev5

EDUCATION

Master of Science, Computer Engineering **Sept'17 - Jan'19**
Boston University, Boston, USA **GPA**: 3.73/4.0

- Coursework: Algorithms, Advanced Data Structures, Cloud Computing, Machine Learning, Artificial Intelligence, Computational Tools for Data Science, Design by Software, Product Design, Enterprise Client-Server Software

Bachelor of Engineering, Electronics and Telecommunication **July'13 - June'17**
University of Mumbai, Mumbai, India

EXPERIENCE

Software Engineering Intern, **Viasat Inc.,** Seattle, USA **June'18 - Aug'18**

- Built a next-generation orchestration platform for 12-factor apps at Viasat, to meet the need for a simple platform to run general-purpose (e.g. web) apps with little operational overload
- Developed the REST API and CLI for the platform. Modeled the PostgreSQL database and used Object-Relational Mapping for Golang to reduce development time and achieve a richer query capability

Software Development Engineer, **BU Spark**, Boston, USA **Jan'18 - May'18**

- Developed a Recommender System for a Social Interior Design Company called Printz, to revamp their E-commerce platform for increasing sales and better customer retention
- Built a dynamic website using Bootstrap, PHP and MySQL, for an upcoming venture aimed at motivating children as well as adults to pledge to a healthier and a sustainable lifestyle

Research Assistant, **Boston University**, Boston, USA **Dec'17 - May'18**

- Worked with Dr. Renato Mancuso on developing an Autonomous Race Car with an objective to train a model that can provide coarse grained localization without using GPS

PROJECTS

Full Stack Data Science **July'18**

- Built a full stack data science web application using Django and PostgreSQL, to increase customer engagement by prioritizing and categorizing customer reviews in real-time
- Preprocessed the raw data to implement Doc2Vec algorithm and an SVM classifier for the machine learning model

Fake News Detection **Feb'18 - May'18**

- Developed a machine learning application to identify unreliable news based on its content. Achieved an accuracy of 94.53% using a Long Short-Term Memory (LSTM) model

Big Data Containers **Feb'18 - Apr'18**

- Built an Open Service Broker for the Dataverse API on the Massachusetts Open Cloud (MOC) to enable Big Data Analytics applications on OpenShift environment to consume data from Dataverse
- Collaborated with mentors from Red Hat, MOC and the Dataverse team at Harvard University

Network Visualization for Big Data **Feb'18**

- Built a web application using JavaScript, HTML5 and CSS for better visualizing, managing and analyzing a complex network of nodes within a large dataset. Came in 2nd Place at MIT CAVE Lab Hackathon 2018

Local Social Networking Android Application **Oct'17 - Nov'17**

- Developed an Android application for social networking using Google's Firebase and Android Studio, to address the need for a new platform for local events and advertisements

TECHNICAL SKILLS

- **Languages**: Python, Java, C++, Go, JavaScript, C#, Bash, SQL, HTML5, PHP, CSS3, Assembly
- **Platforms**: AWS, Docker, Django, React, Kubernetes, MySQL, Spark, Android Studio, MATLAB, Visual Studio, .NET

EXTRACURRICULARS

- **Educator** at Jayantilal Municipal School, introduced the students to programming languages like C++ and Python
- **Event Manager** at the College of Engineering, organized and managed various events like Robotics, Java Tutorials, tournaments for Soccer and Cricket during college festivals. Directed a team to work under rigid deadlines