Lance Galletti

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EDUCATION

Boston University, Boston, MA — January 2017 - May 2018
Master of Science in **Computer Science**, GPA: 3.8

Boston University, Boston, MA — September 2012 - May 2016
Bachelor of Arts in **Mathematics & Statistics**

LANGUAGES

Programming: Python, ATS, Java, Scala, C/C++, R, JavaScript, PHP, HTML, Ruby, Clojure, SQL, MongoDB
Spoken: Fluent in French and English, Proficient in Italian and Spanish.

PROFESSIONAL EXPERIENCE

Head of Consulting & Machine Learning Engineer — September 2017- Present
BU Spark!, Boston, MA
I am refining and automating the consulting processes and infrastructures for this new incubator. As a machine learning engineer I write code to match consulting projects to teams of students. As head of consulting I also manage and guide consultants working on projects for a variety of clients such as non-profits, faculty research, startups, local government, and global companies. The projects vary from machine learning to web design to software development.

Machine Learning Engineer — September 2017
BU Spark!, Boston, MA
In collaboration with Dr. Evimaria Terzi, I implemented algorithms that matched students working on innovative projects to qualified professional with related experience as part of BU Spark!'s mentorship opportunity. These algorithms were also used to pair upperclassmen and underclassmen and help start BU CS's first Bigs and Littles program.

R, SPSS, STATA, and Factset Instructor — September 2015 – May 2016
Boston University Questroom School of Business, Boston, MA
I taught the above statistical/financial software to Business students in the form of weekly workshops.

Data Scientist — October 2014 – January 2015
Projective Architecture, Paris, France
I collected and analyzed data on the FabLabs, Startup accelerators, and co-working spaces of the Innovation districts of Boston and Cambridge and reported my findings in a presentation.

Undergraduate Research Opportunity Program — Summer Semester 2013 & 2014
Research Grant in Mathematics, Boston, MA
This self-driven research focused on better understanding Probability Theory and Bayesian Statistics through a logical and philosophical lens.

VOLUNTEER

Application Developer — September 2017 - Present
Global App Initiative, Boston, MA
I am leading a team of twenty undergraduate students to build a mobile application for the International Labour Organization. This app aims to teach practical business skills to young adults.

ATS Machine Learning August 2017 – Present

Boston, MA

In collaboration with Dr. Hongwei Xi, I am developing and maintaining tools that allow for co-programming of ATS and R to increase productivity of ML engineers and combine the powerful type system of ATS with the Machine Learning libraries of R.

PERSONAL CODING PROJECTS

Computer Vision Android App January 2018 - Present

https://github.com/galletti94/blur

I am developing an app that uses your camera to recognize handwritten digits and letters (eventually words and documents). My hope is that people with poor vision can use this app to help improve their lifestyle. Once a picture is taken, a user can choose to send the image to a database hosted on Heroku and even propose a label for this image to help improve the recognition algorithm.

BU Spark! Social-Professional Network November 2017 - Present

https://bu-spark.herokuapp.com

After spending a few months at BU Spark!, I realized a lot of the hiring process could be automated. For example, matching students to projects, to mentors, to forming teams. As a result I am developing a platform for students to be automatically matched and for my superiors to monitor the progress of all the projects all in one place.

Machine Learning on Tweets November 2017

http://gallettilance.org/Tweet-Monitor/Collection-And-Analysis-Of-Tweets

I collected over 20 thousand tweets and stored them into a mongoDB database. I then conducted a fun analysis of the location, the emojis used, the tags present, and more on what I collected.

Photo-Sharing Application October 2017

https://github.com/galletti94/Photoshare-App

I create from scratch a fully functional web application that allows users to share photos. Some of the fun features of this application include hashtagging, liking, and friend and photo recommendations. It is online and fully deployed at **https://photoshare-app.herokuapp.com**