

Lance Galletti

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EDUCATION

Boston University, Boston, MA
Master of Science in **Computer Science**, GPA: 3.6

January 2017 - May 2018

Boston University, Boston, MA
Bachelor of Arts in **Mathematics & Statistics**

September 2012 - May 2016

LANGUAGES

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

PROFESSIONAL EXPERIENCE

Head of Consulting & Software Engineer
BU Spark!, Boston, MA

September 2017- Present

I develop, refine, and automate the consulting processes and infrastructures for this new incubator. As a software engineer I write software to match consulting projects to teams of students and monitor their progress. As head of consulting I also manage 15 consulting projects a semester for a variety of clients such as non-profits, faculty research, startups, local government, and global companies. The projects vary from developing machine learning tools, to web design, to software development.

Software Engineer

September 2017

BU Spark!, Boston, MA

In collaboration with Dr. Evimaria Terzi, I implemented algorithms to automate the routine task of matching students working on innovative projects to qualified professional with related experience. These algorithms were then repurposed 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 lead a productive and innovative team of twenty undergraduate students to build an Android 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 Android 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, to tracking consultant hours. 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>

PROFESSIONAL & ACADEMIC REFERENCES

Evimaria Terzi, *Associate Professor*

Computer Science Department, Boston University

<http://www.cs.bu.edu/~evimaria/> (evimaria@cs.bu.edu)

Ziba Cranmer, *Director*

BU Spark!, Boston University

[@zibacranmer](https://twitter.com/zibacranmer) (zcranmer@bu.edu)

Hongwei Xi, *Associate Professor*

Computer Science Department, Boston University

<https://www.cs.bu.edu/~hwxi/> (hwxi@cs.bu.edu)