Lance Galletti

Email ✉
gallettilance@gmail.com

LinkedIn in
linkedin.com/in/lancegalletti

GitHub
github.com/gallettilance

Education 🎓

Boston University / M.S Comp. Sci.
JAN 2017 - MAY 2018
Coursework: Distributed Systems, Data Mining, Advanced Databases, Prog. Langs, Advanced Algorithms, Computer Systems, Optimization Methods, Lambda Calculus

Boston University / B.A Statistics
SEPT 2012 - MAY 2016
Coursework: Statistical Machine Learning, Advanced Stochastic Processes, Functional Analysis, Time Series, Generalized Linear Models, Advanced Probability Theory

Skills ⚒

Go	★★★
Python	★★★
Docker	★★★
C/C++	★★★
Java	★★★
SQL/NoSQL	★★★
JavaScript	★★★
OCaml	★★★
React	★★★
Clojure	★★☆
Haskell	★★☆

Professional Experience 💼

Boston University / Lecturer
Sept 2019 - PRESENT, BOSTON
- Teaching a graduate Machine Learning course every semester to 120 upper level undergraduate and graduate students.

Red Hat / Senior Software Engineer
APR 2021 - PRESENT, BOSTON
- Working directly with partners developing Operators to guide their product development strategies given the current state of OLM tooling and informing, and architecting the future state of OLM tooling by recognizing new use cases and common pain points.

Red Hat / Software Engineer
JAN 2019 - MAR 2021, BOSTON
- Part of the Operator Lifecycle Manager team I developed the OLM operators which manage the lifecycle of operators on Kubernetes: install, update, and dependency resolution.

Red Hat / Associate Software Engineer
AUG 2018 - DEC 2019, BOSTON
- Created the backend infrastructure for hosting the current registry for Kubernetes OLM Operators operatorhub.io.

Red Hat / Software Engineer Intern
May 2018 - Aug 2018, BOSTON
- Developed on opendatahub to create a data pipeline for collecting, storing, visualizing and creating analytics on data related to container verification and aimed to uncover release pipeline bottlenecks.

BU Spark! / Project Manager
SEPT 2017 - MAY 2018, BOSTON
- Managed a dozen student teams working on a variety of technical projects with non-profits, governments, and private industries.

Projects

Open Source Contributor / Applied Type System
JUNE 2017 - AUG 2018, GITHUB
Developing and maintaining tools that combine the powerful type system of ATS with the Machine Learning libraries of R and allow for co-programming of ATS and R to increase productivity and reduce the need for expensive runtime tests.

Blockchain CLI / ATS + C
APRIL 2018 - MAY 2018, GITHUB
Implemented a Blockchain Command Line Interface with the following features: 1) Currency and transaction validation, 2) Smart contract language based on untyped lambda calculus, 3) Query language for database creation and decentralized backup.

Twitter Exploratory Data Analysis / IPython
NOV 2017 - DEC 2017, GITHUB

Collected, using the Twitter API, over 20 thousand tweets in a MongoDB database.
Used Support Vector Machines, Singular Value Decomposition, Neural Networks, as well as visualization tools in Python to uncover and analyze interesting properties of Tweets

UROP Research / Probability Theory
SUMMER 2013 / 2014
Conducted research on probability theory. Particularly, long range dependence and random matrix theory.