

## EDUCATION

**Springboard, San Francisco CA** Mar. 2019 to Apr. 2020  
Artificial Intelligence Career Track

**Duke University, Durham NC** Aug. 2015 to May 2017  
Masters Computer Engineering 2017

**St Petersburg Electrotechnical, Russia** Sept. 2011 to June 2015  
Bachelors Nanotechnology 2015

## SUMMARY

I have been moulded into the resilient problem solver and collaborator I am today by my formal and informal education growing up on 3 continents. I strive to learn something new every single day and hone my knack for using modern technology to help solve challenges.

## SKILLS

**MACHINE LEARNING:** Deep learning, Feature Engineering, Transfer learning, Classification, Regression, Image Processing, Computer vision

**FRAMEWORKS:** Tensorflow, Scikit-learn, Keras, Jupyter, Docker, OpenCV

**LANGUAGES:** Python, Linux, SQL, C#, Typescript

## EMPLOYMENT

**MICROSOFT** San Francisco  
Software Engineer June 2017 to Current, June 2017 to Current  
Predictive Modeling for Yammer using Machine learning

**RELEAF** Fremont, CA  
Software Engineer Mar. 2017 to June 2017, Mar. 2017 to June 2017  
API design. Full stack developer.

**IBM** RTP Area, Durham NC  
Software development June 2016 to Dec. 2016  
Full stack developer.

## PROJECTS

**DEEP FASHION SEARCH ENGINE**  
Multi-Class attribute based classification of clothing images using extracted feature vectors.

**MUSEUM ARTWORK COMPREHENSION**  
Artwork attribute recognition from the New York Metropolitan Museum of Art.

**COVID-19 TRACKER**  
Analysis, visualization and comparison of coronavirus cases in Sub-Saharan Africa

**CONTENT-BASED RECOMMENDER SYSTEM**  
Collaborative filtering based engine

**SPRINGBOARD BOOTCAMP**  
Over 400 hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 1 in-depth capstone project. Mastered skills in the machine learning stack, including data wrangling at scale, deep learning, and building and deploying large-scale AI systems

## AWARDS

Microsoft Silicon Valley · MICROSOFT GLOBAL HACKATHON 2019  
Most collaborative project, put together a team of 50 from 5 continents.

## VOLUNTEERING

OPEN DATA SCIENCE CONFERENCE · Volunteer Staff Oct. 2019 to Nov. 2019  
San Mateo  
Renowned AI conference. Emceed on second largest stage. Kept the audience engaged and introduced AI game changers on stage.

SILICON VALLEY FORUM · Technical Mentor  
San Francisco  
A special hackathon that invites the best and brightest minds to innovate solutions targeted towards growing food on Mars.

CAL HACKS · Microsoft Technical Mentor  
University of California, Berkeley  
Cal Hacks brings together 1,700 hackers from 100 schools and 5 countries to innovate in a fun atmosphere.