

# Darryl Fernandes

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## CAREER OBJECTIVES

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Soon to be Computer Science Graduate with exceptional strength in problem solving activities and technical troubleshooting who can quickly adopt to the ever-changing technologies and is ready to learn new things. I'm a versatile and analytic individual with good presentation skills and a strong ability to quickly built a good rapport with people from different backgrounds.

## EDUCATION

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- **Xavier Institute Of Engineering** Mahim, Mumbai  
*Bachelor of Engineering in Computer Science; GPA: 8.3* Aug. 2017 – Aug. 2021
- **Nirmala Memorial Foundational College of Commerce and Science** Kandivali, Mumbai  
*Higher Secondary Education(12th Std); Percentage: 71%* Jun. 2015 – Jun. 2017
- **International Indian School, Dammam** Dammam, Saudi Arabia  
*Secondary Education(10th Std); Percentage: 82.3% (CGPA: 9.2)* Up to Jun. 2015

## PROJECTS

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- **Apollo: A Deep Learning Approach for Music Generation** Jul. 2020 - Present  
A deep learning model which uses the GAN algorithm to generate tunes using publicly available datasets.
- **COSMOS: Morphological Classification of Galaxies using Convolutional Neural Networks.**  
A deep learning model which uses Convolutional Neural Networks to classify images of galaxies into their 3 major types based on Hubble Classification using the galaxy-zoo dataset.
- **Creatives** Jun. 2019 - Jul. 2019  
An android app where creative minded people can share their talents such as paintings, stories and videos in a free to use platform.
- **Distortion: Music Streaming Service** Oct. 2019 - Nov. 2019  
A music streaming service which can be used to stream music from the web browser.

## PROGRAMMING SKILLS

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- **Languages:** Python, C, HTML, SQL, Android Development

## EXPERIENCE

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- **Avalon Global Research** Sion, Mumbai  
*Android Developer Intern* Jun. 2019 - Jul. 2019
  - **Role:** Android Developer Internship wherein I was involved in creating an android app called "Creatives" I was involved in the front-end development and well as the back-end development. The app is available on the play-store.
- **Xavier Institute of Engineering** Mahim, Mumbai  
*Research Project Assistant* Jul. 2020 - Present
  - **Role:** A research project assistant under Prof. Sushama Khanvilkar(HoD, Comps Dept.) where in we are working on "Diabetes detection from IoT Based Nonmydriatic Fundus Photography."

## CERTIFICATIONS AND TRAININGS

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- **Specialization on Deep Learning** deeplearning.ai, Coursera  
*Course covering the fundamentals and details of Deep Learning basics.*
  - **Course 1:** Neural Networks and Deep Learning
  - **Course 2:** Improving Deep Neural Networks: Hyper-parameter tuning, Regularization and Optimization
  - **Course 3:** Structuring Machine Learning Projects
  - **Course 4:** Convolutional Neural Networks
- **Specialization on Data Science with Python** University of Michigan, Coursera  
*Course covering the basics of Data Science.*
  - **Course 1:** Introduction to Data Science in Python
  - **Course 2:** Applied Plotting, Charting & Data Representation in Python
  - **Course 3:** Applied Machine Learning in Python
  - **Course 4:** Applied Text Mining in Python
  - **Course 5:** Applied Social Network Analysis in Python
- **Android 0: The Complete Android Development Boot camp** London App Brewery, Udemy  
*Course covering the fundamentals of Android App development.*
- **Basic Course on Web Development** Reece Kenney, Udemy  
*Course covering the fundamentals of Web development.*

## EXTRA CURRICULAR

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- **Editor for Comps Department Newsletter**  
*Student Editor for the comps department newsletter "Bits n Bytes".*
- **Training & Placement Envoy 2019-2021**  
*Part of the TPO committee which managed the placements and other training activities in the college.*
- **HoD of Hosts and Fillers Dept. in Spandan 2020(College Fest)**  
*Head of the Department for the Host & Fillers Committee of Spandan 2020 & active member since Spandan '18*
- **Marketing Envoy for Virtual Placement(College Function)**  
*Part of the marketing team for Virtual Placement 2020.*