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Sangramjit Chakraborty

Curriculum Vitae

Career Objective: To be professionally challenged, and to learn and grow within the industry.

Education

Bachelor of Technology , Dr. B.C. Roy Engineering College, Durgapur, GPA-7.6/10.0. Information Technology	2017–Present
Higher Secondary , Amrita Vidyalayam, Durgapur, 65%. PCM with CS	2015–2017
Secondary , Amrita Vidyalam, Durgapur, CGPA-8.4/10.	Upto–2015

Training and Internships

Machine Learning with Python , MyWbut.	2018
Training	

Certifications

Machine Learning for Engineering and Science Applications. NPTEL	Jun 2019
Machine Learning with Python. MyWbut	Jan 2019
Computer Architecture. NPTEL	Nov 2018
Web Designing. AICT	Nov 2018
Problem Solving through Programming in C. NPTEL	Jun 2018

Projects

Certified Projects

Play Store Rating Predictor.	Machine Learning
<ul style="list-style-type: none">○ Built a predictor using traditional Machine Learning Techniques.○ Performed extensive feature manipulation to maximize accuracy.○ Performed manual NLP on reviews to extract data from it.○ Achieved 89% accuracy on test set using Random Forest Regression from Scikit-Learn(Python).	

Personal Projects

Song Genre Classifier.

Deep Learning

- Used Tensorflow(**Python**) to build a Convolutional Neural Network.
- Converted song snippets to spectrograms using Python scripting.
- Attained a high 99.22% accuracy on test set.

Devnagari Handwritten Script Classifier.

Deep Learning

- Built a Convolutional Neural Network using Keras(**Python**) for Devnagari character recognition.
- Investigated the effects of width, depth, regularization and other hyperparameters.
- Attained a high (99.22%) accuracy on test set.

Portfolio Website.

Web Development

- Used **HTML5**, **CSS3**, **JavaScript** and **Bootstrap** to design a personal website.
- Hosted on Github Pages and updated all projects and certifications on it.
- Designed a responsive UI for both PC and mobile interface.

Radioactive Games.

Software Development

- Used Python and Tk GUI framework to build a simple intuitive GUI game set.
- Designed the User Interface based on standard UI design techniques.

Skills

General: Machine Learning, Web Development

Languages: Python, C, Java

Tools: \LaTeX , MATLAB, GNU Octave

Web: HTML5, CSS3, JavaScript, Bootstrap

Libraries and Frameworks: Tensorflow, Keras, Django, Flask

Hobbies & Interests

Photography and Filmmaking:

- Did short photography gigs for acquaintances.
- Made two short films for Annual Tech-Fest.