Gurudutt Perichetla

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EDUCATION

Sri Venkateswara College of Engineering — July 2015 - May 2019 (Expected)
Bachelor of Engineering, Computer Science and Engineering — CGPA: 7.98/10.0
Affiliated to Anna University

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, Swift, SQL, HTML, CSS, JavaScript
Prototyping Tools: Sketch, Photoshop, Illustrator, Invision, Figma, After Effects
Software & Other Tools: Xcode, Android Studio, Git, Vim, Microsoft Office

PROFESSIONAL EXPERIENCE

Groceristar — May 2018 - July 2018
UX Designer, Intern — Ternovka, Ukraine

· Surveyed and assessed user experiences to revamp the user interaction flows
· Redesigned the MVP - web application and cross-platform mobile application, using Sketch and Invision
· Accelerated development tasks by prototyping designs into web applications using ReactJS

Council of Scientific and Industrial Research — April 2018 - May 2018
Research Intern — Lucknow, India

· Worked for a CSIR-CDRI internship, under the mentorship of Dr. Sukant Khurana
· Performed and surveyed extensive research on use-cases of Blockchain technology
· Authored three peer reviewed articles on "Blockchain in Banking", "Blockchain in Energy" and "Blockchain and GDPR"

Level Infinite — December 2017 - January 2018
Research Intern — Firozabad, India

· Trained and tested machine learning models to identify vulnerabilities in cybersecurity
· Analysed and identified spam email using Python libraries and real time datasets from Kaggle and UCI Repository

PROJECTS

Cryptofolio — (Python 3, CoinMarketCap API & Tkinter)

· Created an application for a cryptocurrency portfolio by parsing API and presenting information as a GUI.

Streaming Music Data Analysis — (Python 3, Matplotlib, Pandas, Numpy & Seaborn)

· Visualised data from monthly statements of my music distributor - Soundrop. Plotted graphs and analysed various trends regarding to play count, downloads and identified characteristics such as audience country and revenue. Concluded that Spotify pays highest revenue for streaming and iTunes pays highest for sales

Drake's Drumkit — (Java, Android Studio & SoundPool)

· Developed an Android app inspired by Roli Blocks and drum machines such as the Akai MPC2500 which allows users to create beats.

PUBLICATIONS

Face Emotion Recognition using Convolutional Neural Networks — (Under Review, 2018)
· Accuracy: 60%, Dataset: FER-2013

MOOCS AND CERTIFICATIONS

Elements of AI - University of Helsinki & Reaktor	(2 ECTS)	June 2018
An Introduction to Practical Deep Learning - Intel/Coursera		March 2018
Blockchain Developer Foundation - IBM		November 2017
Online Marketing Fundamentals - Google		November 2017

VOLUNTEER EXPERIENCE

Executive Member – ACM Student Chapter: Academics team. Responsible for developing the academic content of all events conducted; worked on prototyping designs for the website and newsletter.
Student Representative: Helped relay concerns and questions to course convenor and reviewed student assignments; shared course resources with students and helped with Placements.
Independent Musician: Produced 4 albums - available on Spotify, Apple Music, Google Play and Amazon. Knowledgeable in Music production, audio editing, video production and digital marketing.