

Gurudutt Perichetla

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EDUCATION

Sri Venkateswara College of Engineering
Bachelor of Engineering, Computer Science and Engineering
Affiliated to Anna University

Jul 2015 - May 2019
CGPA: 7.98/10.0

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
UX Designer, Intern

May 2018 - Jul 2018
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
Research Intern

Apr 2018 - May 2018
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 the use of Blockchain in domains such as Energy, Banking, E-commerce and Transportation.

Level Infinite
Research Intern

Dec 2017 - Jan 2018
Firozabad, India

- Developed supervised learning models to detect malicious URLs and spam email using real-time datasets and libraries such as NLTK and scikit-learn
- Read whitepapers on how Machine Learning is used in the domain of Cybersecurity and worked on research topics in Pattern Identification and Classification

PROJECTS

Cryptofolio

(Python 3, CoinMarketCap API & Tkinter)

- Created an application for a cryptocurrency portfolio by parsing API and presenting information using a GUI

Streaming Music Data Analysis

(Python 3, Matplotlib, Pandas, Numpy & Seaborn)

- Visualised data from monthly statements of my music distributor; Plotted graphs and analysed various trends and identified characteristics with respect to play count and audience demographics

BMI Calculator

(Java, XML, Android Studio & Sketch)

- Developed an Android app to calculate a person's BMI and categorize into underweight, fit or overweight; designed custom components using Sketch

Drake's Drumkit

(Java, Android Studio & SoundPool)

- Developed an Android app inspired by Roli Blocks and drum machines which allows users to create beats

VOLUNTEER EXPERIENCE

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 faculty and reviewed student assignments; shared course resources with students and helped with placements

Independent Musician

- Produced 5 albums - available on Spotify, Apple Music, Google Play and Amazon; knowledgeable in music production, audio editing, video production and digital marketing

MOOCS AND CERTIFICATIONS

Elements of AI - University of Helsinki & Reaktor
An Introduction to Practical Deep Learning - Intel/Coursera
Blockchain Developer Foundation - IBM

(2 ECTS)

Jun 2018
Mar 2018
Nov 2017