Gurudutt Perichetla

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EDUCATION

Sri Venkateswara College of Engineering (Affiliated to Anna University)   Chennai, India

Bachelor of Engineering, Computer Science and Engineering   2015– 2019
Cumulative GPA: 8.05/10.0
Subject of Interest: Artificial Intelligence, Mobile App Development

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, Swift, Kotlin, SQL
Web Development: HTML, CSS, JavaScript, Bootstrap, Angular, Node.js
Prototyping Tools: Sketch, Photoshop, Illustrator, After Effects
Software Tools: Xcode, Unity, Android Studio, iWork, Microsoft Office

PROFESSIONAL EXPERIENCE

Level Infinite   Chennai, India
Intern   Dec '17-Jan'18
- Trained and tested machine learning models to identify vulnerabilities in cybersecurity
- Analysed and identified spam email using Python libraries and real time datasets
- Worked on manuscripts and research articles

EduLadder   Chennai, India
Intern   Nov '17-Dec'17
- Worked on designing the website using HTML, CSS and Bootstrap 3
- Fixed issues and bugs in the backend

PROJECTS

- **Cryptofolio** *(Python, Tkinter, CoinMarketCap API)*
  Created an application for a cryptocurrency portfolio by parsing API and presenting information as a GUI.

- **Mötorsport** *(iOS, Swift, Xcode, UIKit, MapKit)*
  Built an iPhone application for motorsport enthusiasts that displays information regarding race tracks around the world.

- **BMI Calculator** *(Android, Java)*
  Built an Android application that calculates a person's BMI and categorizes into underweight, fit and overweight.

- **Natural Language Processing App** *(iOS, Swift 4, Xcode, Foundation, UIKit)*
  Built an iPhone application that identifies lexicals, dominant language of text, the stems of words, nouns and verbs.

- **Streaming Music Data Analysis** *(Python, Matplotlib, Pandas, Numpy and Seaborn)*
  Visualised data from monthly statement of my music distributor. Analysed various trends regarding to play count, downloads and identified characteristics such as audience country and revenue.

- **Vanilla** *(Node.js, Yahoo's Weather API, YQL – Yahoo Query Language)*
  Developed a weather bot that retrieves geolocation data and reports weather and temperature of a place.

ONLINE COURSES AND CERTIFICATIONS

- **Enterprise and Infrastructure Security** – Coursera (NYU Tandon School of Engineering)
- **Version Control with Git** – Coursera (Atlassian)
- **Blockchain Foundation Developer** – IBM
- **Online Marketing Fundamentals** – Google
- **Machine Learning with Python** – IBM CognitiveClass.ai

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.
- **Contributor – SoloLearn:** Provided tech based articles and programming tutorials for the community.
- **Class Representative:** Helped relay concerns and questions to course convenor and reviewed student assignments; shared course resources with students.