Gur Raunaq Singh

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PUBLICATIONS

AMAZON SUMERIAN BY TUTORIALS
- ISBN-13: 978-1942878872
- Link - http://bit.ly/SumerianBook

GUEST AUTHOR
- RealPython.com
- RayWenderlich.com

HACKATHONS
- 1st Prize - AngelHack, New Delhi
- 1st Prize - GeekCombat, New Delhi
- 1st Prize - HashHacks, New Delhi
- 2nd Prize - ABinBev, Bangalore
- 2nd Prize - IncubateIND, New Delhi
- 2nd Prize - Hack@NSIT, New Delhi
- 2nd Prize - Smart Grid, New Delhi
- 1st Prize - Hack-DTU, New Delhi
- 2nd Prize - Hack-MSIT, New Delhi

SKILLS

LANGUAGES :
- Proficient - Python
- Familiar - JavaScript, Java

CONTAINERIZATION :
- Docker • Kubernetes

FRAMEWORKS/LIBRARIES :
- Django • Flask • Tensorflow
- OpenCV • Kafka • Zookeeper

DATABASES:
- MongoDB • PostgreSQL

CLOUD PLATFORMS:
- AWS EC2 • Heroku
- Amazon DynamoDB • Amazon Lex
- Amazon Sumerian

TOOLS:
- JupyterLab • After Effects
- Android Studio • Sketch • Unity

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
B.Tech. in Computer Science
2014-2018 | New Delhi, IN

WORK EXPERIENCE

VEDA LABS PVT. LTD. | Software Engineer
October 2018 - Present | New Delhi, India
- Built a Streaming Video Analytics System from ground up in a containerized system architecture design for deployment on Edge Devices.
- Implemented CI for end-to-end Build and Test automation.
- Researched and bench marked various technology stacks to achieve speed improvements and better compute resource usage.
- Technologies used: Python, OpenCV, Tensorflow, Kafka, Docker, Kubernetes.

RAYWENDERLICH.COM | Remote Author - Unity Team
July 2018 - Present | New Delhi, India
- Introduction to Multiplayer Games With Unity and Photon | Link
- Unity Custom Inspectors Tutorial: Getting Started | Link
- How to use the New Unity Prefab Workflow | Link
- Introduction to Using OpenCV With Unity | Link

ANHEUSER-BUSCH INBEV | Data Science Intern
June 2017 - September 2017 | Bangalore, India
- Worked in the HR Team and built tools for Resume Screening and employee attrition management
- Built a dynamic information dashboard for all teams to collaborate and easily share team progress status and other updates.
- Technologies used : Flask, Firebase, mLab, jQuery.

SMARTIVITY LABS PVT. LTD. | Software Engineer
June 2015 – Aug 2015 | Saket, New Delhi
- Worked on Augmented Reality Games using the Unity3D Game Engine.
- Technologies used : Unity3D.

PROJECTS

NEURAL STYLE TRANSFER | HTTPS://RAUNAQNESS.IN/NEURAL
- Turn your potrait into a painting.
- Technologies used : Django, OpenCV, Docker, Kubernetes, AWS EC2.

SHRINK-ITT | HTTPS://SHRINK-ITT.HEROKUAPP.COM/
- A simple url-shortner made with Django, Postgresql and Heroku.

EASYPASTE
- A combination of an Android app and a MacOS app that synchronizes the clipboard between the two clients.
- Technologies used: Android, Python, Flask.

THE WORKOUT GAME
- A Motion based game that aims to help Parkinsons's disease patients improve their motor functions.
- Technologies used: OpenCV and Unity3D.

TEXT2WALL
- A webapp that analysis an input string to understand its meaning, and creates a Wallpaper using it.