MUKESH GADUPUDI

CS Undergraduate interested in Machine Learning and Artificial Intelligence

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🐙 https://github.com/shanmu9898

EXPERIENCE

Current Software Engineering Intern
VISA

📅 May 2019 – Present   📍 Singapore

- Currently building a highly active-active tier-1 internal notification service in Golang which can handle over a million requests a minute.
- Working on restructuring a tier-1 monolithic architecture based project into a highly available micro services based architecture in Golang.

Data Science Intern
Qsee.io

📅 July 2018 – December 2018 📍 Tel Aviv, Israel

- Applied various ML algorithms to analyze and find trends in Quality for products from various MNCs like Stanley and Al-Hadera showing they can reduce their revenue spent on quality checks by over 15%.
- Built an Android and iOS application using Flutter for workers in MNCs in Israel to input Quality details of the products speeding up the Quality checks by over 4 hours a week.
- Created a real-time web-based application with Flask and Django and integrated it with other services including Predictive Algorithms and Front End Analysis DashBoard.

Undergraduate Teaching Assistant
National University of Singapore

📅 Jan 2018 – July 2018   📍 Singapore

- Administered the lab tutorials of the module CS2010 (Data Structures and Algorithms).
- Taught concepts of object-oriented programming with an emphasis on application to complex nonlinear Data Structures.
- Graded programming scripts and gave constructive feedback for a group of 20 students.
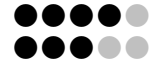
Software Engineer Intern
TechMojo Solutions Private Limited

📅 May 2017 – Aug 2017   📍 Hyderabad,India

- Brought about database structural changes to have primary key moved to ROKA unique id, instead of a composite primary key at the reward level and id level.
- Created and managed a database using MySQL to help manage the daily expenses of an employee using ROKA employee card.
- Designed, tested and analysed over 100 voucher coupons for various companies on the ROKA website.

SKILLS

Java, Go, Python, Dart   ●●●●○
C, C++, MySQL, Matlab   ●●●○○

EDUCATION / COURSES

BComp in Computer Science
National University of Singapore

📅 Jul 2016 - Dec 2019

- Machine Learning
- Introduction to Artificial Intelligence
- Software Engineering
- Data Structures and Algorithms

NOC Israel , Batch 15
NUS Overseas Colleges

📅 Jul 2018 - Dec 2018

- Start Up Internship Program
- Technopreneurship

HONORS & AWARDS

- National Talent Search Scholar
- Winner of BizPrediction Contest
- Advanced Level Winner @Orbital
- Runner Up at #Boscheville2018

PROJECTS

Drowsy Driver Alarm

- ML Libraries, Bosch Sensors, Java
- Created an Android application which can detect the tired level and drowsiness state of a driver based on number of blinks, yawns and surrounding temperature and humidity conditions.

Geegle

- TensorFlow, ElasticSearch, NodeJs, Cloud Platform
- Chrome extension which could search user's history not only based on previous search titles but also on based on the similar content they might have read or pictures they might have seen while reading.

DigiWrite

- ML Libraries, Android Developement
- Android Application which can scan documents or papers automatically and extract the text out of them to digitalise, translate or edit the text and later save or share the text in various formats.