

MINDAN SRISABARANJAN

1657 Hittel Pl
San Jose, California 95131

sri.mindan@gmail.com
(669) 246-8480
Geophysics/GIS

PROFESSIONAL EXPERIENCE

Geo Imagery Operations Lead **Google** via Cognizant

05/2021 – Present

- Spearheaded and automated new project for Google Maps, showcasing project management skills and enhancing imagery workflows, thus increasing overall team and department productivity
- Leveraged strong expertise in SQL and Python to design, develop and maintain advanced dashboards, significantly improving data visualization and real-time decision-making. Skilled in transforming complex datasets into easily digestible information for cross-functional teams

GIS Geologist **Fugro**

08/2019 – 01/2021

- Analyzed sensor data, created visualizations, and manipulated geospatial data collected in the field to visualize subsurface features for environmental and structural planning
- Supported geotechnical, environmental, water resources, and marine survey projects for the city of San Francisco by managing geospatial databases using ArcGIS software

Data Analyst **Apple** via Apex

08/2018 – 08/2019

- Analysis, visualization, and predictive modeling of various data using python and SQL, aided in intelligent decision making for high visibility projects
- Automated complex workflows cutting time to meet deliverable deadlines using python scripting, applied advanced filtering methods to datasets to meet project goals to improve ETL processes for Apple Maps

GIS Data Analyst Intern **San Diego County Office of Emergency Services (OES)**

01/2018 – 07/2018

- Developed 2 web applications for Public Safety and Sheriff Department during emergency events applications collect data from social media and displays the images/posts searched on a map; applications will be released to the public 2018 to raise community awareness during disaster situations
- Designed an automated template that collects/queries data using SQL and displays demographic data on a simple template; the 2 templates are currently being used during every critical emergency (Ex. Fires, gas leak, natural disasters, and etc.)

EDUCATION

University of California San Diego - La Jolla, CA

08/2013 – 03/2017

- **B.S. in Geophysics/ Earth Science** with emphasis in Exploration from Scripps Institute of Oceanography, 2017

University of California San Diego Extension - La Jolla, CA

04/2016 – 11/2017

- **Geographical Information Systems Certificate (GIS)**, 2017

West Hills Community College - Lemoore, CA

08/2009 - 05/2013

- **A.A. in Math and Science**, graduated junior year of high school, 2012
- **High School Diploma**, 2013

SKILLS

- Programming Languages: Python, SQL, R, HTML, CSS
- Tools: MATLAB, PostgreSQL, Google App Scripts, Google Sheets, QGIS, and Looker Studio Pro
- Preferred Language: Python (Pandas, TensorFlow, Matplotlib, Scikit-learn, Seaborn, NumPy)
- Presentation and Visualization of data for reports
- ETL (Data Extraction, Transformation, and Loading) for complex datasets
- Leading/training team as well as efficiently communicating project status to reach deadlines
- Collection and analysis of various sensor data and understanding of different sensors

PROJECTS

- Worked on **Apple Maps** performing analytical methods as well as using proprietary software, signed NDA with Apple, 2019
- Developed Vulcan-1 3D printed Rocket/ Colossus Static Fire System and created successful **Kickstarter** at UCSD, 2017