

HEMAL LADANI

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OBJECTIVE

To obtain employment with a company that offers a positive atmosphere to learn and implement new skills and technologies for the betterment of the organization, which give me satisfaction and also help to achieve my personal and organizational goals.

EDUCATION

BE – Computer Engineering | LDRP-ITR Gandhinagar (7.92 CPI) 2016-2020
HSC from Bhagwati Vidhyalaya, Ahmedabad (**79.33 %**)
SSC from Bhagwati Vidhyalaya, Ahmedabad (**89.16 %**)

EXPERIENCE

Sr. Software Engineer | SCANPOINT GEOMATICS LTD. 2020-Present
SCANPOINT GEOMATICS LTD. is a product development company working with Image Processing and GIS domain in collaboration with the Indian Space Research Organization (**ISRO**).

SKILLS

- Language/ Framework : **C++, VC++, MFC, STL**
- Source / Version Control : Atlassian Bitbucket, SourceTree
- Agile Tool : Atlassian JIRA
- Domains : Image Processing and Geographic Information System
- Packages : Microsoft Visual Studio 12,15,17

PROJECT – I – GEOSTATISTICAL ANALYSIS MODULE

- Platform: Visual Studio 12,17
- Environment: C++, MFC
- Domain: Image Processing and GIS vector data
- Scope: R&D for the algorithms of the Geostatistical modules. Created analytical modules like Trend Analysis, Normal QQ Plot, General QQ Plot and Histogram. All these modules are used in geo statistical and spatial analysis. All these are the graph controls.

PROJECT – 2 – CHARTS MODULES IN R LANGUAGE

- Platform: Visual Studio 12,17, R studio
 - Environment: C++, MFC, R language
 - Domain: Image Processing and GIS vector data
 - Scope: R&D for the algorithms of the chart modules. Created chart modules like Bubble Chart, Box Plot, Tree Map, Time Series, Data Clock, Chord diagram, Area graph and Scatterplot. All these modules are used for vector data analysis.
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CAREER SNAPSHOT

- Software engineer with 3 years of experience in Software Engineering, Application development
 - 3 years of experience in the C++.
 - 3 years of experience in windows programming, Standalone Win32 Applications using **VC++**, **MFC**, **STL**.
 - Good experience in the dialog-based application.
 - Strong debugging, Analytical and problem-solving skills.
 - Good experience in working under fast paced agile environments for software development.
 - Hands on experience in version control software like Bit Bucket.
 - Effective interaction with client, good communication and analytical skill.
 - Also have some brief experience in ATL and COM.
 - Mentoring the juniors regarding requirement understanding and problem solving.
 - **R & D, making/integrating Algorithms.**
 - Development in **Multi-Threaded** environment. Code optimization in following load and stress test.
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AWARDS

- Received **6-month Recognition** for doing research and development for the suitable graph controls for the Geostatistical Analysis Modules and improve that graph controls according to the requirements.
- Received **Employee of the Month** award **2 times** for the outstanding performance.