

PARVATHY MENON

Barrie, Canada – email: parvathyhydro@gmail.com

<https://www.linkedin.com/in/parvathy-memon-66b06a88>

SUMMARY

As an aspiring GIS Analyst and programming professional, aiming to apply advanced ArcGIS skills, geospatial data analysis, and environmental expertise in a dynamic team environment.

SKILLS AND TOOLS

- ArcGIS Suite
- 2D Drawing Software: AutoCAD
- Surfer
- Python (packages such as pandas, arcpy, etc)
- C#, SQL & VBA
- Microsoft Office Suite

SOFT SKILLS

- Time management
- Adaptability
- Attention to detail
- Critical thinking
- Technical writing
- G level driver's license

EDUCATION AND QUALIFICATIONS

Graduate Certificate in Geographic Information System

May 2024

Fanshawe College, Ontario, Canada

Master of Science in Hydrogeology

December 2017

Clemson University, Clemson SC

GPA: 3.66/4

B. Tech Agricultural Engineering

July 2013

Kerala Agriculture University, Kerala, India

First Class with Distinction

PROFESSIONAL EXPERIENCE

ESRI Canada

Aug 2022 – present

GIS Consultant Toronto, Canada

- Worked on Georeferencing and Verification of sketches Real Property Improvement.

Enviro Design Associates, Delray Beach Florida

Feb 2018 – Sep 2019

Project Manager

Florida, USA

- Completed over 50 environmental site assessments including historical data and online database research on residential and commercial properties throughout the State of Florida and prepared reports.
- Introduced the use of GIS software for mapping the location project Site and nearby potential environmental threats.
- Completed several Phase II Environmental Site Assessments including both soil and groundwater sampling.
- Georeferenced maps from archives to locate potential source of groundwater and soil contamination
- Used GIS software to map soil and groundwater sampling location, plot groundwater contour map

Clemson University

Aug 2017 – Dec 2017

Graduate Teaching Assistant

Clemson, SC

- Delivered a range of teaching and assessment including tutorials for courses at ungraduated level, in Department of Earth Sciences and Environmental Engineering at Clemson University.

Ashoka Trust for Research in Ecology and Environment (ATREE)

Oct 2013 – Jul 2016

Research Assistant

Bangalore, India

Worked on an IDRC funded project with prime focus on understanding adaptation to climate change in urbanizing watershed.

- Evaluated past trend of ground and surface water in study area through analysis of meteorological data and lithological data, use of GIS maps of ground and surface water features prepared and compiled a technical report.
- Extracted current situation through ground and surface water monitoring.
- Managed a team of 4 to conduct a well census for an area of 24 sq. km and have provided analytical support with minimal supervision and drew meaningful conclusion and prepared a technical report for the same.
- I successfully trained a team of 20 individuals on the usage of QGIS (GIS Software) for mapping and GPS applications.

PROJECTS

Fanshawe College

Sept 2023 – Dec 2023

Ontario, Canada

- Creating Train Derailment Evacuation Zone Model using Model builder tool ArcGIS Pro
- Creating Evacuation Plan using Network Analysis tool in ArcGIS Pro
- Use Field Map Form to create a System for Observing Play and Recreation in Communities (SOPARC) in ArcGIS Online and customizing the file using Arcade.