# RAMESH PAUDEL


RPAUDEL42@STUDENTS.TNTECH.EDU

980-621-0415

LINKEDIN PROFILE

PERSONAL WEBSITE


## OBJECTIVE

PhD student in Computer Science working on the knowledge discovery and data mining with research focus on Graph Based Anomaly Detection

## RESEARCH INTEREST

Knowledge Discovery in Data Stream, Anomaly Detection, Graph Based Anomaly Detection, Fraud Detection in Health Care

## EXPERIENCE

**RESEARCH ASSISTANT / TENNESSEE TECH UNIVERSITY.**
Aug 2017 – Present
Part of the Knowledge Discovery Lab Actively working on mining in data stream and anomaly detection on healthcare using Graph Based approach

**TEACHING ASSISTANT / TENNESSEE TECH UNIVERSITY.**
Aug 2016 – Aug 2017

**SOFTWARE DEVELOPER / BESPOKE HOUSE INC.**
July 2014 – Aug 2016

**TEACHING ASSISTANT / TENNESSEE TECH UNIVERSITY**
Aug 2012 – May 2014

**IT SUPPORT STAFF / ITS, TENNESSEE TECH UNIVERSITY**
Aug 2012 – Feb 2013

**SOFTWARE DEVELOPER / MIDAS TECHNOLOGIES**
Oct 2010 – July 2012

## EDUCATION

**PHD COMPUTER SCIENCE / CURRENT**
Tennessee Tech University, Cookeville, TN

**MS COMPUTER SCIENCE / 2014**
Tennessee Tech University, Cookeville, TN

**BACHELOR IN INFORMATION TECHNOLOGY / 2011**
Purbanchal University, Biratnagar, Nepal

## SKILLS

**Programming & Scripting Language** - Asp.Net, C#, C, C++, Delphi, Java, php, Python, HTML, Javascript, CSS, XML, SQL

**Database** - SQL Server 2008 & 2012, MySQL, Oracle 10g, MS Access
**Operating System** - Windows, Linux, Mac

**Microsoft office** – Proficiency in Microsoft Office - word, excel, access and powerpoint.

**Others-** JSON, XML, XSLT, XPATH 2.0, Google Analytics, Google Adword, Google Map

## PUBLICATIONS

Detection of Anomalous Activity in Diabetic Patients Using Graph-Based Approach

Proceedings of the Thirtieth International Florida Artificial Intelligence Research Society Conference

## GRAUDATE PROJECT

**A Tool for Anomaly Detection in Social Network using GBAD**

Developed python based tool that extract data from three different social networks (Twitter, Facebook and LinkedIn), parse the data, analyzes it, construct a graph and look for the anomalies in those graphical data. It uses a technique called GBAD to find the anomaly. GBAD is a graphical approach which finds anomaly where anomalous substructure of a graph is a part of normal substructure