

REZ RAHIMI

Full Stack Developer

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Calgary, Canada

STRENGTHS

Problem Solving Creative
Fast Learner Leadership
Team Player Documentation
Presentation Data Mining
Machine Learning

PROGRAMMING

Java Python C C++
C# Matlab R

WEB DEVELOPMENT

JavaScript PHP HTML
CSS React.js Node.js
Symfony

APP DEVELOPMENT

Swift & XCode React Native
Expo

DATABASE

MySQL PostgreSQL

OTHER

Git Code Review RHadoop
Recommender Systems Spark
Docker OOD OOP

EXPERIENCE

Lead Software Developer | Airble Aviation Inc.

Jan 2020 – Present Remote

- Design maintenance and implementation of Database, RESTful APIs, website and app.
- Technologies used: MySQL, Node.js, React.js, Flux, React Native, Expo, JavaScript, CSS, Digital Ocean Cloud.

Lead Software Developer | Eventyab Cloud Services Inc.

Jun 2014 – Present Calgary, Canada

- Development and maintenance of ticket sales, seat map and live reporting systems.
- Technologies used: MySQL, PHP, Symfony, JavaScript, CSS, Bootstrap, Paypal API.

Research Assistant | University of Calgary

May 2011 – Jan 2021 Calgary, Canada

- Location Recommendation for Social Networks:
 - Recommends locations to the users based on their preferences and accessibility of the locations.
 - Technologies used: Java, MATLAB, Python and MySQL.
- Collaborations:
 - Taxi Route Recommendation. (Java, C++, PostgreSQL)
 - Route and Travel Mode Recommendation. (Java, C#)
 - Cold-Heavy Oil Production with Sand (CHOPS) Optimization. (Java, Matlab)
- 10 publications.

EDUCATION

Doctor of Philosophy | Geomatics Engineering University of Calgary

May 2014 – Jan 2021 Calgary, Canada

- Thesis Title: Behavior-based and Contextual Location Recommendation for Location Based Social Networks.

Master of Science | Geomatics Engineering University of Calgary

May 2011 – Jan 2014 Calgary, Canada

- Thesis Title: Activity-based and Behavior-based Location Recommendation for Location Based Social Networks.

Bachelor of Science | Software Engineering Sharif University of Technology

Sep 2005 – Sep 2010 Tehran, Iran

MAJOR PUBLICATIONS

Contextual Location Recommendation on Location-Based Social Networks

[Seyyed Mohammadreza Rahimi](#), [Behrouz Far](#), [Xin Wang](#)

📅 2021

📍 Geoinformatica (Under Review)

BR2: A Travel Behavioral Approach to Personalized Route Recommendation Based on GPS Trajectories

[Rodrigo Augusto de Oliveira e Silva](#), [Ge Cui](#), [Seyyed Mohammadreza Rahimi](#), [Xin Wang](#)

📅 2020

📍 BMDA 2020

Behavior-based Location Recommendation on Location-based Social Networks

[Seyyed Mohammadreza Rahimi](#), [Behrouz Far](#), [Xin Wang](#)

📅 2019 - 2017

📍 Geoinformatica - PAKDD 2017 - South Korea

Optimized Random Walk with Restart for Recommendation Systems

[Seyyed Mohammadreza Rahimi](#), [Rodrigo Augusto de Oliveira e Silva](#), [Behrouz Far](#), [Xin Wang](#)

📅 2019

📍 Canadian AI 2019 - Kingston, Canada

Similarity-based Probabilistic Category-based Location Recommendation Utilizing Temporal and Geographical Influence

[Dequan Zhou](#), [Seyyed Mohammadreza Rahimi](#), [Xin Wang](#)

📅 2016

📍 International Journal of Data Science and Analytics

Location Recommendation based on Periodicity of Human Activities and Location Categories

[Seyyed Mohammadreza Rahimi](#), [Xin Wang](#)

📅 2013

📍 PAKDD 2013 - Gold Coast, Australia

SCHOLARSHIPS AND AWARDS

Alberta Innovates Graduate Student Scholarship | [University of Calgary](#)

📅 May 2017

📍 Calgary, Canada

Eyes High International Doctoral Scholarship | [University of Calgary](#)

📅 May 2018

📍 Calgary, Canada

University Technologies International Inc. Fellowships | [University of Calgary](#)

📅 Sep 2014

📍 Calgary, Canada

VOLUNTEER EXPERIENCE

President | [Iranian Graduate Students Association](#)

📅 May 2014 – May 2016

📍 Calgary, Canada

VP-Event | [Iranian Graduate Students Association](#)

📅 May 2014 – May 2016

📍 Calgary, Canada