

# Kirisanth G.

 www.kirisanth.com

 kirisanth-g

Kirisanth Ganeshamoorthy

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## EXPERIENCE

### University of Toronto, Teaching Assistant SEPT 2014 - PRESENT

- Conduct weekly tutorials and practical sessions for 100+ students to deepen understanding of curriculum and computer science concepts
- Communicate high and low level technical information such as object oriented design & development, design patterns, micro-processing elements, and assembly languages
- Leadership skills are enriched through organizing and creation of a rich environment for learning with teaching staff and students

### IITS - UTSC, Application Developer MAY 2017 - AUG 2017

- Using the Laravel framework and MySQL, designed and built a php application to help administer students into the university
- Engaged in elicitation of requirements with product owners and clients to assure successful delivery and user experience
- Facilitated the planning and monitoring of the project through the use of agile principles towards a user-centered design
- Presented monthly demos to clients and received positive feedback

### Dr. Anya Tafilovich, Test Analyst SEPT 2015 - APR 2016

- Analyzed requirements & design to develop and update test scripts for automated testing that were used for instructional purposes in University of Toronto courses
- Worked independently while maintaining communication with instructors to further advance development and adjust for changes in requirements

## PROJECTS

### MeetUp — Mobile Application

MeetUp (<https://github.com/sanic-meetup/meetup>) is a personal team project that allows users to meetup in person with friends and other users that they follow.

- Used various tools and frameworks like NodeJS, Express, Passport, Google Maps API, Apple Core Locations, Pusher, MongoDB, Mongoose
- Gained experience in building and documenting a RESTful API

### Matplotlib — Open Source Project

Within a team of 4 made contributions to a large project by fixing bugs and implementing requested features using best practises.

- Worked with reverse engineering tools to analyze design patterns and refactor/redesign code to better extend functionality

## SKILLS

Object Oriented Design

RESTful Design

Security-Conscious Development

Find & Exploit Security Vulnerabilities (under a controlled environment)

User-Centered Design & UX

Prototyping

Agile software development practices(Scrum) & Waterfall

Testing practices & frameworks (JUnit/PyUnit)

Strong analytical and problem solving skills

Ability to work cohesively with others

Willingness to learn & grow in a fast paced environment

## EXPERIENCE IN

- Java
- Python & Flask
- JavaScript & Node.js
- PHP & Laravel
- MySQL & NoSQL
- C
- Haskell
- Scheme
- Git/SVN

## EDUCATION

**University of Toronto**

HBCS. in Computer Science

Expected Graduation of September 2018