

KARAN TONGAY

Data Science / Business Intelligence Professional

Contact

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ORACLE
Certified Professional

Microsoft
CERTIFIED
Professional

Summary

Top Awards and Honors:

- 1st place in Microsoft Future Unleashed Tech Jam 2015 (Project: Home Robotization)
- Dell Brand Ambassador of the Year - 2016 (Campassador 2016)
- Member of Advisory Board of Cambridge Scholars Publishing for Computer Science Department

Current Research Project:

Log Inspector - Machine Learning Tool to identify and predict potential data integrity breaches and minimize reidentification risks.

International Research Publications (IEEE):

- [1] Karan N Tongay, Ninad N Tongay, "AI Chatbots: Transforming User Experience", 5th International Conference for Convergence in Technology (I2CT), Pune - India, 2019
- [2] Karan N Tongay and Ninad N Tongay, "IOTA: Intelligent Filtering and Segmentation of Unstructured Datasets", 2nd International Conference for Convergence in Technology (I2CT), Mumbai, 2017
- [3] K. Tongay, Sensor Data Computing as a Service in Internet of Things, Symposium on Colossal Data Analysis and Networking (CDAN), 2016.

Employment

University of Victoria
Experiential Learning Development Assistant

Victoria, BC, Canada
Nov. 2018 to Current

- Maintaining online teaching support resources.
- Developing and extending the software for automated testing and assessment.
- Producing documentation for use in training teaching support staff in the use of departmental software.
- Assisting the Experiential Learning Coordinator with training activities for teaching support staff.

University of Victoria
Graduate Teaching Assistant

Victoria, BC, Canada
Sept. 2018 to Current

Amura Marketing Technologies Pvt Ltd
Software Engineer

Pune, India
June 2017 to July 2018

- Leveraging ML & data from various sources (Adwords, FB, Web Analytics, CRMS) to set up highly optimized digital campaigns for the customers.
- Full-Stack Software Engineer – Java, Ruby on Rails, Backbone / Marionette JS, Javascript, JQuery, Google Cloud Platform. Involved in developing end-to-end solutions from the server to the client.
- Involved in building the solutions from scratch, handling cloud platforms, writing test suits and delivering state of the art solutions.
- Project management using tools like JIRA to create and assign tasks, submit tasks, manage task descriptions and task timelines.

Amura Marketing Technologies Pvt Ltd
Software Project Development Intern

Pune, India
June 2016 to Mar. 2017

- Objective: To Build a PaaS solution for Business Intelligence and Analytics for Market Segmentation to reach right customers.
- Frontend Technologies: Materialize CSS, Bootstrap, JQuery, AJAX
- Backend Technologies: Google Cloud Datastore (NoSQL), Google App Engine (Platform as a Service – PaaS), Task Queues
- Framework: J2EE

Yagnot
Tech Lead Intern

Pune, India
May 2014 to Dec. 2015

- Software & Web Development Activities with Team Management and Leadership.
- Delivering training to peers and students on Microsoft Technologies and other programming skills.
- Cloud Development and Maintenance Using Microsoft Azure.
- Participated in Research and Development Activities under Internet of Things (IoT) domain.

Projects

Business Chatbot for Enriching Customer Experience (AI – Artificial Intelligence and Machine Learning)	Nov. 2016 to Mar. 2017
Segmentation and Filtering of Large Unstructured Datasets for Business Intelligence (BI)	June 2016 to Mar. 2017
Home Robotization: Differentiated Solution Demonstrating Innovative use of Technology under IOT (Internet of Things)	Sept. 2015 to Nov. 2015
Office Governance Solution for Lyceum Administration (Implemented by SVCP, Sinhgad Institutes, India)	May 2014 to Aug. 2014

Education

University of Victoria
Master in Computer Science

Sept. 2018 to Current

Sinhgad College of Engineering
Bachelor of Computer Engineering 2017

Sept. 2014 to June 2017

Global Certifications

Oracle -
Oracle Certified Java Professional (OCJP)

May 2015

Microsoft -
Microsoft Certified Professional

Dec. 2014

Microsoft -
Microsoft Office Specialist Master

Mar. 2015

Activities

Executive Team Matrix Subspace -
Executive Team Member - Matrix Subspace (Matrix Current Institute of Applied Data Science)

Advisory Board of Cambridge Scholars Publishing
· Advisor - Computer Science Department

Current

Yagnot -
Mentor and Consultant - Software Development and Cloud Technologies

Current

Project Oorja - Microsoft Initiative -
Trainer - Microsoft Office Technologies

2014

Skills

PROGRAMMING, QUERYING AND SCRIPTING: Python, Java, Ruby on Rails, MongoDB, C#, Git, Backbone JS, C++, JQuery, Google Cloud Datastore

CLOUD PLATFORMS: Microsoft Azure, Google Cloud Platform

TOOLS AND IDES: Jupyter Notebook, Eclipse, Visual Studio, Wordpress, Android Studio, IntelliJ, Netbeans

Volunteering

Seniors Training Program - Session Leader
Victoria, BC, Canada

Led the training session for the senior citizens of Victoria on using internet technologies and how they can make lives easier using Email, Google Search, Google Maps and similar useful technologies.

Rotary Club of Khopoli - Volunteer
Navi Mumbai, India

Volunteered and Participated in "Swatch Bharat" Cleanliness Program (Govt. of India Initiative)

LIFE NGO - Volunteer
Pune, India

Computer literacy to orphan students and notebook distribution in rural areas of Pune, India