

Tina Yazdizadeh

CV



Personal Information

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Citizenship Canadian

Github <https://github.com/tinayzdzd>

Personal Webpage <https://tinayzdzd.github.io/>

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Education

- 2020 - 2022 **Master of Information Technology, Data Science Specialization**, *School of Information Technology, Carleton University, Ottawa, Canada*
- Thesis topic: Comparative Evaluation on Effect of ELMo in Combination with Machine Learning, and Ensemble Models
 - Supervisor: Dr. Wei Shi (Full professor at Carleton University)
- 2015-2020 **B.Sc. Computer Engineering, Software Specialization**, *School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran*
- Thesis topic: Map Matching using E-Taxis GPS Data
 - Supervisor: Dr. Hamid Mahini (Senior Manager at Uber)

Working Experience

- 2021-Present **Advanced Technical Support Engineer**, *Ciena Co., Ottawa, Canada*
- Packet Optical Team
 - Involved with fault finding, fault detection in huge networks
- 2018-2019 **Data Scientist**, *TAPSI Co., Tehran, Iran*
- Data Science and Artificial Intelligence Team
 - Map Matching Using E-Taxis GPS Data
 - TAPSI Co. is the fastest growing mobile transportation platform in Iran similar to Uber Co.
- Summer 2017 **Developer**, *Center of Information Technology and Cyberspace, University of Tehran, Tehran, Iran*
- Develop an Information Management System

Internship

- Winter 2020 **Developer**, *Carleton University, School of Information Technology, Ottawa, Canada*
- Contact Tracing System (CTS) for Covid-19
 - CTS Website
- Summer 2018 **Researcher**, *Carleton University, Digital and Intelligent Information Systems Lab, Ottawa, Canada*
- Research Topic: Imputation of missing values in Big Data
- Fall 2017 - Winter 2018 **Researcher**, *University of Tehran, Data Analytics Lab., Tehran, Iran*
- Project Title: Social Behaviors of People Analysis Based on The Anonymous Records of Phone Conversation

Papers and Projects

Papers

- September 2022 Yazdizadeh, T., Shi, W., Performance Evaluation for the use of ELMO Word Embedding in Cyberbullying Detection. Proceedings of the 3rd International Conference on Data Science and Machine Learning (DSML 2022). September 17 18, 2022, Copenhagen, Denmark
- September 2022 Yazdizadeh, T., Hassani, S., Branco, P., Intrusion Detection using Ensemble Models. Proceedings of the 4th International Workshop on Machine Learning for Cyber Security (MLCS 2022). September 19, 2022, Grenoble, France

Projects

- Fall 2021 Developer, Incremental Learning in Cybersecurity Incremental Learning
- Winter 2021 Developer, PlannerHats Project, A platform for event planning for organizations using Tableau Planner Hats
- Fall 2020 Developer, implementing a Data Pipeline for Vessels' Positioning Data Ingestion
o The project is related to the Department of Fisheries and Oceans Canada

Other Experiences and Activities

Carleton University, School of Information Technology

Teaching Assistant, Software Design for Multimedia

Teaching Assistant, Real-Time Systems

Teaching Assistant, Data Structure

University of Tehran, School of Electrical and Computer Engineering

Teaching Assistant, Computer Network

Teaching Assistant, Probability and Statistics

Teaching Assistant, Compiler Design and Programming Languages

Teaching Assistant, Human Computer Interaction

Teaching Assistant, Discrete Mathematics

Volunteer Experiences

- 2021 Canada Election, Register Officer
- 2018 University of Tehran, Software Engineering Lab Instructor
- 2017 University of Tehran, Executive Member ACM Election
- 2016 University of Tehran, Association for Computing Machinery(ACM) Election Counter

Technical Skills and Languages

Technical Skills

- Programming Languages Python, R, C, C++, Java
- Frameworks Apache Nifi, Apache Spark, Tensorflow, PyTorch
- Data Visualization Tool Tableau

Languages

- Persian Native
- English Fluent
- French Intermediate
- Chinese Beginner

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