

# POUYA GHAHRAMANIAN

## PERSONAL DATA

NAME:	Pouya Ghahramanian
GENDER:	Male
PLACE AND DATE OF BIRTH:	Bonab, Iran   28 July 1995
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FAMILY STATUS:	Single

## EDUCATION

2019 - 2021	M.SC. DEGREE, Computer Engineering Bilkent University Member of Bilkent Information Retrieval (BilIR) Group
2013 - 2018	B.SC. DEGREE, Computer Engineering Iran University of Science and Technology (IUST)
12/2012	HIGH SCHOOL DIPLOMA IN MATHEMATICS AND PHYSICS National Organization for Development of Exceptional Talents (NODET)

## TEACHING EXPERIENCE

2020 - 2021	Teaching Assistant, Computer Organization, Dr. Fazli Can, Department of Computer Engineering, Bilkent University
2019 - 2020	Teaching Assistant, Information Retrieval, Dr. Fazli Can, Department of Computer Engineering, Bilkent University
2018-2019	Teaching assistant, Algorithms and Programming II, David Davenport, Department of Computer Engineering, Bilkent University
2017 - 2018	Teaching assistant, Fundamentals of Database Design, Dr. Zarepour, Department of Computer Engineering, IUST

## WORK EXPERIENCE

June 2018 - Sep. 2018	Android Developer Intern, Petanux GmbH, Bonn, Germany
June 2017 - Oct. 2017	C#.NET WPF Programmer, Azar-Tarh, Tehran, Iran
June 2016 - Sep. 2016	Clinic Management System, Software Developer and Database Designer, Bonab, Iran

## AWARDS AND HONORS

2021	Granted TUBITAK (Turkish Unicef) scholarship for the project "Online Classification of Evolving Text Streams with an Optimal Neural Ensemble Network" (project no. 120E103)
2019	Granted TUBITAK scholarship for the project "Online classification of multi-source parallel data streams in big data environments" (project no. 117E870)
2013	Ranked 659th among more than 450,000 participants in the nationwide universities entrance exam (the Konkoor)
2010	Gold medal in Paya scientific league in field of physics
2010	Gold medal in Paya scientific league in field of research (Make airplane invisible to radar)
2009	Invited to National Talents Foundation "Scientific Friend" program
2009, 2010	Qualified in Computer and Physics national Olympiads

## PROGRAMMING SKILLS

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Python	Machine Learning, NLP, Pytorch, Tensorflow, Image Processing
Java	Windows Application, Android
C#.NET	Windows Form, WPF, Unity Game Engine
Database Design	SQL Server
Web Design	HTML, CSS

## SELECTED R&D PROJECTS

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2018	<b>Driver Drowsiness Detection System</b> In this project, we use a camera connected to Raspberry Pi and predict driver's drowsiness state using a neural network model implemented in Python.
2017	<b>WhoTweets!</b> In this project, we stream tweets from Twitter using Twitter API, create world cloud, and classify tweets using NLP and machine learning techniques.

## PUBLICATIONS

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2022	A Novel Neural Ensemble Architecture for Classifying Text Streams On-The-Fly, Submitted to the VLDB '22, Under Review Process
2021	A Broad Ensemble Learning System for Drifting Stream Classification, Submitted to IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING '21, Under Review Process

## LANGUAGE PROFICIENCY

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Mother Tongue	Azerbaijani
Foreign Languages	English: Fluent, TOEFL ibt: 104 – R: 29, L: 27, S: 24, W: 24
	Turkish: Fluent
	Persian: Native

## RESEARCH INTERESTS

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Machine Learning
Natural Language Processing
Information Retrieval
Data Mining

## OTHER ACTIVITIES

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June 2015 - June 2018	"Günes" collegiate magazine owner and publications manager, IUST
June 2014 - June 2015	Head of "Iranshenasi va Gardeshgari" student club, IUST