

BARIŞ NASIR

Computer Engineer, Researcher

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Ankara, Turkey

EXPERIENCE

Research and Teaching Assistant

METU

October 2014 - Ongoing

Ankara, Turkey

C/C++

Keras

Python

CUDA

TensorFlow

Qt Creator

Courses:

- Advanced Programming with C, Fundamentals of Image Processing, Computer Engineering Design, Introduction to Embedded Systems, Computer Organization.

Part-time Software Engineer, Researcher

SRDC

April 2013 - May 2014

Ankara, Turkey

C++

OpenDDS

XSD

HTML5

AngularJS

Java

- ITEA2 (TEYDEB) RECONSURVE: A Reconfigurable Surveillance System with Smart Sensors and Communication.
- Pickr.us: A social web application.

Software Engineering Intern

TaleWorlds

July 2012 - October 2012

Ankara, Turkey

C#

- Worked on Mount & Blade II: BannerLord and participated GUI design.
- Additionally, made the game playable with an XBOX controller.

Student Assistant

METU

Spring 2012

Ankara, Turkey

- Introduction to C Programming.

CONFERENCE PUBLICATIONS

- Afrasiyabi, Arman, Baris Nasir, Ozan Yildiz, and Fatos T Yarman Vural. "An Energy Efficient Additive Neural Network". In: *2017 25th Signal Processing and Communication Application Conference (SIU)*. IEEE, pp. 1-4. doi: 10.1109/SIU.2017.7960263.
- Nasir, Baris and Fatos T Yarman Vural. "CEREBRA: A 3-D Visualization Tool for Brain Network Extracted from fMRI Data". In: *2016 IEEE 38th Annual International Conference of the Engineering in Medicine and Biology Society (EMBC)*. IEEE, pp. 1147-1150.
- Nasir, Baris and Fatos T Yarman Vural. "Simplification and Visualization of Brain Network Extracted from fMRI Data Using CEREBRA". In: *2016 IEEE 15th International Conference on Cognitive Informatics & Cognitive Computing (ICCI* CC)*. IEEE, pp. 174-181.

SKILLS

C/C++



Keras



Python



MatLab

TensorFlow

CUDA

Qt Creator

Git

EDUCATION

Ph.D. in Computer Engineering

Middle East Technical University

Sept 2017 - Ongoing

Thesis Advisor: Fatoş T. Yarman Vural, Prof
Courses: Deep Learning, Probability Theory

M.Sc. in Computer Engineering

Middle East Technical University

Sept 2014 - Sept 2017

Thesis Advisor: Fatoş T. Yarman Vural, Prof
GPA: 3.71/4.00

Courses: Pattern Recognition, Statistical Data Analysis, Applied Parallel Programming On GPU, Machine Learning, Introduction to Natural Language Processing, Computational Geometry, Advanced Unix

B.Sc. in Computer Engineering

Middle East Technical University

Sept 2009 - June 2014

Advisor: Sinan Kalkan, Assoc. Prof.
GPA: 3.07/4.00

LANGUAGES

- Turkish: Native
- English: Fluent - TOEFL Score: 101

ACHIEVEMENTS



TÜBİTAK (The Scientific and Technological Research Council of Turkey)

Senior Software Project Competition, Second place.



IEEE SciVIS 2017
Program Committee Member



3 times Global Game Jam participant used JS, Lua and C# for the games. JS game was playable on phones at 2012