

Bátfai Norbert

Asst. Professor at University of Debrecen (UD)

nbatfai@gmail.com

Experience

Asst. Professor at University of Debrecen (UD)

2011 - Present (5 years)

CEO at Eurosmobil

2002 - Present (14 years)

R&D Team Leader at SziMe3D Ltd.

2012 - 2014 (2 years)

Asst. Lecturer at University of Debrecen (UD)

2007 - 2011 (4 years)

Computer Associate at University of Debrecen (UD)

1998 - 2007 (9 years)

Languages

English

(Limited working proficiency)

Honors and Awards

IT trainer of the year

The Hungarian Chief Information Officers' Association

2008

First prize in the Hungarian Mobile Java Developer Contest

Sun Hungary and Nokia Hungary

2004

First prize in the Java Programming Contest

Hungarian Java Alliance: Sun, IBM, Oracle, Novell, IQSoft

1999

Projects

How to Become a Robopsychologist

2016 to Present

Members: Bátfai Norbert

Family Robotics - Deep Q-learning with Samu

2015 to Present

Members: B{at}fai Norbert

"The son of Samu is Isaac." The project called Isaac is a case study of using deep Q learning with neural networks for predicting the next sentence of a conversation.

Robocar World Championship - Robocar City Emulator

September 2014 to Present

Members: B{at}fai Norbert

Robocar World Championship is intended to offer a common research platform for developing urban traffic control algorithms. At the heart of this initiative is the Robocar City Emulator. It will enable researchers to test and validate their theories and models. See also the post at http://progpater.blog.hu/2014/09/17/robot_car_world_championship

The Yearbook of the Programmers of University of Debrecen

January 2014 to Present

Members: B{at}fai Norbert, , M{at}e Smajda, Ren{at}o Besenczi

This is an exercise workbook. It contains programming examples in C,C++ and Java in the following areas: Linux kernel, MINIX kernel, Android, C++11, Qt, Open CV, OGRE, Pthreads, Open MP and CUDA. But, this is more than a book because it includes source codes, photos and information about the students.

FootballAvatar

2009 to 2014

Members: B{at}fai Norbert

"FootballAvatar is an R&D project with the aim to develop a new generation of soccer analysis software based on soccer simulations."

<http://footballavatar.hu/competitive-programming-the-methodology-used-in-the-development-of-the-footballavatar-project/>

Skills & Expertise

Lecturing

C++

University Teaching

Qt

Research

Git

Science

Smart Cities

Deep learning

Agile software development

XML

Courses

Teaching

J2ME

Higher Education

Statistics
Android
Subversion
JavaME
CUDA
DocBook
GNU/Linux kernel
JavaEE
Maven
C++11
E-Learning
SVN
Grant Writing
OpenCV
Adult Education
MINIX kernel
Agile methodology
Android Java
OGRE
Childcare
Linux Kernel
Curriculum Development
Qualitative Research
Curriculum Design
Teacher Training
Mobile gaming
Football simulations
Open MP
Swing
Soccer
Running
GlassFish
CORBA
Agile documentation
C++14

Education

University of Debrecen

Doctor of Philosophy (Ph.D.), Informatics, 2011

Activities and Societies: Debrecen Developer Network

Bolyai János Military Technical College

1990 - 1992

Interests

GNU/Linux, Soccer simulations, Quantum computing, Algorithmic information theory, Kolmogorov complexity

Bátfai Norbert

Asst. Professor at University of Debrecen (UD)

nbatfai@gmail.com



[Contact Bátfai on LinkedIn](#)