

Nahid Nasiri

Cell phone: +1 628-800-4534

Email: nnasiri@ucsc.edu



Education

- | | |
|-------------|---|
| 2020 – now | PhD Student in Electrical and Computer Engineering
UC Santa Cruz |
| 2017 – 2019 | PhD Student in Computer Engineering
Istanbul Technical University, Turkey (Transferring credits to UCSC) |
| 2014 – 2017 | MSc in Electronics and Computer Engineering
Istanbul Şehir University, Turkey |
| 2006 – 2010 | BSc in Computer Engineering – Software
University of Science and Technology, Iran |

Research Interests

- Machine Learning (AI) in Biomedical
- AI Models: Deep Learning, Reinforcement Learning
- DNA Sequencing
- Big Data Analysis

Work experience

- **Project Manager** Jan 2015 – 2018
Intelligent Serious Games for Social and Cognitive Competence
 - European Union funded project
 - Lead Istanbul Şehir University's team in Intelligent Serious Games for Social and Cognitive Competence project partnered by universities and companies from Belgium, Bulgaria, Hungary, Slovenia and Turkey, funded by European Commission (Erasmus+ Program)
 - Develop games for children with special needs
 - Manage budget and meetings and performed work breakdown and task assignments to team members.
 - Link to project: <http://www.isg4competence.com/index.html>
- **Research Assistant** Jan. 2015 – Jun. 2017
Istanbul Şehir University
 - Conducted in depth research on effects of games on human, specifically on children with special needs.
- **Teaching Assistant** Sep. 2014 – Aug. 2016
Istanbul Şehir University
 - Course: Logic Circuits, Programming Language (Python), Operating Systems
- **Teaching Assistant** Sep. 2012 – Aug. 2014
 - Course: Mathematics like Math I, Math II, Probability and Statistics, Logic Circuits
- **Computer Engineer** Jan. 2012 – Aug. 2014
Ata Research Institute, Tehran, Iran
 - Developed database and application programs for companies

- Met and corresponded with clients to determine their needs for IT infrastructure and application programs.
- **Computer Engineer** Sep. 2010 – Dec. 2012
Eye-net Co., Khoy, Iran
 - Designed and implemented visual design and user interface of corporate websites
 - Developed databases for websites.

Honors

- Ranked 3rd among more than 30 students of Computer Engineering majoring in Software, Iran University of Science and Technology, 2006
- Received full scholarship for master program in Computer Engineering as Teaching and Research Assistant from Istanbul Şehir University, 2014

Publications

Papers

1. **N. Nasiri**, S. Abbaszadeh, "A Deep Learning Approach to Correctly Identify the Sequence of Intra-scatter events in Cross-strip CZT detector with Multiple Triggered Anodes and Cathodes(*SPIE '2020*), San Diego, CA, USA, Sep. 2020. (Approved but not released yet)
2. **N. Nasiri**, S. Shirmohammadi, A. Rashed, "A Serious Game for Children with Speech Disorders and Hearing Problems", *5th IEEE Conference on Serious Games and Applications for Health (SEGAH'17)*, Perth, Western Australia, Apr. 2017.
3. **N. Nasiri**, S. Shirmohammadi, "Measuring Performance of Children with Speech and Language Disorders Using A Serious Game", *2017 International Symposium on Medical Measurements and Applications (MeMeA'17)*, Rochester, MN, USA, May. 2017.

Theses

- "Teaching Children with Speech Disorders and Hearing Problems by Serious Games, Istanbul Şehir University, Master's thesis. Supervisor: prof. Shervin Shirmohammadi
- "Evolvable and Developmental Hardware", University of Science and Technology, Undergraduate final project, Supervisor: prof. Amin Nikanjam

Computer skills

- Programming Languages: Python, JAVA, HTML, DHTML, J2EE, ASP, ASP.NET, C#.NET, PHP
- Simulations: Unity 3D, Unreal Engine, MATLAB/Simulink
- Database: SQL, Microsoft SQL server 2000, MySql server 5.0, DB2
- Web Designing Tools: Flash CS4, Rapid PHP10
- Development Tools: Borland JBuilder, Macromedia Dreamweaver, Xcode
- Operating Systems: DOS, Linux, Windows NT, Windows 2000 server
- 4+ years of programming experience

Languages

1. English (TOEFL: 90)
2. Persian (Official Language)
3. Turkish (Native)
4. Azerbaijani (Mother Tongue)