

# Ali Oliayi

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Tehran, Iran | 30 April 1996  
PHONE: +98 938 8037691  
EMAIL: [oliayi.ali159@gmail.com](mailto:oliayi.ali159@gmail.com)  
LINKEDIN: [Ali Oliayi](#)

## AFFILIATION

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CURRENT	CO-FOUNDER AND LEAD PROGRAMMER OF MADNESS GAME STUDIO
<i>Jun 2017</i>	<i>Madness Game Studio</i>
	Developed: <i>Madball and Orbis</i>

## EDUCATION

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2014 - 2019 Undergraduate Degree in COMPUTER ENGINEERING-SOFTWARE  
[K. N. Toosi University of Technology](#), Tehran, Iran  
Credits | Major: Software  
Advisor: [DR. BABAK NASERSHARIF](#)

2010 - 2014 High School Graduate Degree in MATHEMATICS and PHYSICS  
**Sattari High School**, Varamin Iran, GPA: 4/4

## RESEARCH INTERESTS

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- Computer Games
- Computer Graphics
- Artificial Intelligence
- Algorithm Design

## TEACHING EXPERIENCE

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**ACM ICPC team coach**, K. N. Toosi University of Technology

- ACM ICPC Asia Regional Contest , Winter 2019

**ACM ICPC team coach**, K. N. Toosi University of Technology

- ACM ICPC Asia Regional Contest , Winter 2018

**Teacher Assistant**, K. N. Toosi University of Technology

- Design and Analysis of Algorithms Course, [DR AMIN NIKANJAM](#), Winter 2017

## WORK EXPERIENCE

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- Co-Founder And Lead Programmer of MADNESS GAME STUDIO,  
Tehran, JUN 2017-CURRENT
- Game Programming Instructor at K. N. TOOSI SCHOOL OF GAME DEVELOPMENT,  
Tehran K. N. Toosi University of Technology, ACM Student Branch, AUG - OCT 2018

## COMPUTER SKILLS

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<b>Engineering Softwares:</b>	ADVANCED: VISUAL STUDIO, UNITY ENGINE, AVR Studio, MS-Word, MS-PowerPoint INTERMEDIATE: ATMEL STUDIO, WIRESHARK, Bizagi Modeler, $\LaTeX$ , MS-Excel
<b>Software Programming Language:</b>	ADVANCED: C/C++, C#, ASSEMBLY, SQL, INTERMEDIATE: PYTHON, JAVA, JAVASCRIPT, PROLOG, HTML, CSS BASIC: BASH SCRIPTING, $\LaTeX$ , PHP, Matlab
<b>Hardware Programming Language:</b>	BASIC: VHDL, VERILOG
<b>Operating Systems:</b>	Linux(Ubuntu), Windows(10,8,7,XP), Mac OSX

## HONORS AND AWARDS

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DEC. 2017	9th Place in ACM ICPC Asia Tehran Regional ACM ICPC Contest
DEC. 2016	9th Place in ACM ICPC Asia Tehran Regional ACM ICPC Contest
DEC. 2015	14th Place in ACM ICPC Asia Tehran Regional ACM ICPC Contest
NOV. 2017	45th Place in IEEE-Xtreme 11 IEEE-Xtreme 11 International Programming Contest
NOV. 2016	88th Place in IEEE-Xtreme 10 IEEE-Xtreme 10 International Programming Contest
SEPT. 2019	Orbis Editor Choice Award Cafe Bazaar Game Store, Tehran, Iran
SEPT. 2018	MadBall Best Game of Summer 2018 Cafe Bazaar Game Store, Tehran, Iran
JULY. 2018	MadBall Editor Choice Award Cafe Bazaar Game Store, Tehran, Iran
OCT. 2018	MadBall Editor Choice Award SibApp Game Store, Tehran, Iran
MAY. 2018	Best Technical Team in the First Android Programming Competition of KNTU K. N. Toosi University of Technology

## ACADEMIC PROJECTS

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- MadBall Mobile Game, **System Analysis and Design Course**, Design and Developing with Unity Engine for Android and IOS, Best Game of Summer 2018, Publishing by Voodoo Games France.
- An Artificial Intelligence Tool for Diagnosis of Heart Diseases, **Artificial Intelligence and Expert Systems Course**, Yes/No Question Based, Design with SWI Prolog, Programming with Prolog, UI Design with C# WPF.
- A Smart Home for Senescent, **Computational Intelligence Course**, Source Coding with Python, Detecting Peoples with Camera by OPEN CV, Machine Learning Based.
- A Compiler for C++ from Scratch, **Fundamentals of Compiler Design Course**, Compile C and C++ Codes, Lexical Analyzer, Syntax Analyzer, Semantic Analyzer, Code Generator and Optimizer.
- Design and Developing Boomshine Game, **Fundamentals of Computer Programming Course**, Level Design, Programming with C language and SFML Library.
- Design and Developing PACMAN Game, **Advanced Programming Course**, Level Design, Programming with JAVA language and Visuals with JAVA FX.
- A Database for Library, **Principles of Database Design Course**, Design database with ER2SQL software, Programming with SQL language, UI Design with C# WPF, Setting up with WAMP Server.
- A Website for Buy and Renting Cars, **Internet Engineering Course**, Design and Developing with PHP, JavaScript, HTML and CSS.

## LANGUAGES

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PERSIAN: Native  
ENGLISH: Advanced

## HOBBIES

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- Video Games
- TV Series
- Music
- Novels