M.MEHDI BALOUCHI

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INTERESTS

Machine learning   Artificial Intelligence   Blockchain   Robotics   Datamining

EDUCATION

B.Sc in Shahid Beheshti University (2014 – present)
Total GPA: 16.16 out of 20, (3.39 out of 4)
Relevent Scores: out of 20

Fundamentals of Programming : 19.75	Advanced Programming: 16.5
Compiler Design: 18	Data Structure: 17.75
Operating Systems: 18	Databases: 17.8
Graph Theory: 19.5	Numerical Linear Algebra: 20

Thesis project: Transactions, Wallet and Mining in Bitcoin
Advisor: Prf. Ziba Eslami

Diploma in Mathematics and Physics Allame Helli 4 Highschool (NODET) (2010 – 2014)

- Member of high school computer Olympiad and Simulation Soccer 2D team

EXPERIENCES

Web Developer in Eslahchilab (2018 – Present)
Design and programming Prof.Eslahchi laboratory (http://eslahchilab.ir)

Develop online bioinformatics package (http://eslahchilab.ir/softwares/cdap)

Web Developer in Booket (2017 – 2018)
Back-end and front-end developer in Booket company (https://booket.ir)

Booket is the first application to search content, rent and buy academic books in Iran.

Co founder in Porseed(Takeasy) startup (2016 – 2017)
Back-end Developer and co-founer in Porseed startup

An e-commerce start-up aiming to solve the problem of e-commerce shoppers who are having difficulty searching and consulting for the right products suited to their need.

Product manager and Back-end Developer in Erixe company (2014 – 2016)
Back-end projects: MedFac, AvicMed, Nikan (WMS), CrowdGuard (German startup)

Game Developer in Erixe company (Summer 2014)
worked on Android game (Milad Tower fall) with Unity Engine

My Own Projects
LU factorization(for numerical linear algebra class), Lak Lak application datamining (tag question), Songest (telegram channel music project), VVlearning (learn English vocabularies with videos from tv series)

PUBLICATIONS

- CDAP: An Online Package For Evaluation of Complex Detection Methods , ? (submitted), Ali Maddi, Fatemeh Ahmadi Moughari , Mohammd Mehdi Balouchi and Changiz Eslahchi

HONORS AND AWARDS

- ✓ Ranked as top 13% among computer science students, Shahid Beheshti University
- ✓ Ranked Among 7% in national university entrance exam (Math and Science) more than 60,000 students, 2014
- ✓ First Place in FarzCup Soccer 2D Simulation League as a Member of AMORDAD, 2013 & 2014
- ✓ Qualified in IranOpen Soccer 2D Simulation League as a Member of Prototype, AMORDAD Team, 2012 & 2013
- ✓ Semi Finalist SharifCup Soccer 2D Simulation League as a Member of AMORDAD, 2013
- ✓ Qualified for second level of mathematics Olympiads in Iran, 2011
- ✓ Qualified for second level of computer Olympiads in Iran, 2011

SKILLS

- **Programming languages:** Expert in C++, PHP, Java and Familiar with Python, C#
- **Web languages and frameworks:** Expert in Html, css, javascript, MySql, laravel, bootstrap, vue js
- **Other Compuer Skills:** Familiar with Microsoft Office, Android Studio, Adobe Photoshop, LaTeX
- **Operation Systems:** Comfortable with Linux, Mac os, Windows operating systems
- **Web Tools:** Expert in working with Version control systems like GIT and Familiar with CMSes like wordpress, drupal

TEACHING EXPERIENCE

- **Programming Teacher**, Allame Helli 1 High School, Tehran. Taught C++ and Instructor of school soccer 2D simulation league team (Summer 2015).
- **Programming Teacher**, Allame Helli 4 High School, Tehran. Taught C++ and Instructor of school soccer 2D simulation league team (2014 – 2015).
- **Teacher Assistant**, **Fundamental Programming**, Shahid Beheshti University, Dr. Adel Hosseini (Fall 2016)
- **Teacher Assistant Advanced Programming**, Shahid Beheshti University, Dr. Jamal Amani rad (Spring 2016)
- **Teacher Assistant Data Structure**, Shahid Beheshti University, Prof. Ali Katanforoush (Fall 2016)
- **Teacher Assistant Databases**, Shahid Beheshti University, Prof. Meysam Madani (Spring 2017)

LANGUAGES

- **Farsi** (Native)
- **Arabic** (Familiar)
- **English** (Fluent)
  Toefl and GRE will be taken in October

EXTRACURRICULAR ACTIVITIES AND INTERESTS

- **Music and Literature**
  Song composer (composed many songs with piano), Piano player, Written Farsi poetry notebook
- **Sport**
  Football player, Swimmer, Runner

References are available on request and for more information also check out my web site mehdibalouchi.com