Saba Salehi

Email: s.saba.salehi@gmail.com   Phone: +98 937 515 8200

Research Interests	◇ Bioinformatics, Computational Biology, Medical Imaging, Theory of Computation and Complexity Theory

Education	◇ **Sharif University of Technology, Tehran, Iran (2014 - Present)**
	B.Sc in Computer Science GPA to date: 16.98/20
	Relevant Courses:
	    Design and Analysis of Algorithms (18.8/20), Intro to Bioinformatics (20/20),
	    Advanced Bioinformatics (18.8/20), Linear Algebra (16/20),
	    Principals of Image Processing (18/20), Computer Vision (17/20),
	    Theory of Computation (18.1/20), Advanced Graph Theory (16.1/20),
	    Stochastic Processes (17/20), Linear Programming (16.9/20),
	    ongoing: Artificial Intelligence (Fall 2018)
	◇ **Farzanegan High School, National Organization of Developing Exceptional Talents**
	Diploma in Mathematics and Physics Discipline

Honors and Awards	◇ Ranked 536 (among about 85000 students) in the National Entrance Exam for Public Universities of Iran
Research Experiences	◇ **Integrative Analysis of Microarray Data to Predict Disease-associated Genes in the Pathogenesis of Systemic Sclerosis (SSc) (April 2018 - Present)** ◇ **Detecting Traumatic Lesions on CT Using Deep Learning Methods (September 2018 - Present)**
Projects	◇ **Some Image Processing and Computer Vision methods in matlab** including: texture synthesizing, normalized cut, poisson blending, morphing, making panorama, and bag of visual words ◇ **Phylogenetic Tree of Ebola Viruses in R**

Working Experience	◇ **Teaching Assistant**
	    Advanced Programming, Dr. Boomari, Spring 2016
	    Theory of Computation, Dr. Ahadi, Spring 2018
	◇ **Summer internship at Rahnema Corporation**
	developing a location based social media application for android, summer 2017

Skills	◇ **Programing Languages** Expert in: Java, C++, and MATLAB Experience in: R (experience with biological libraries), HTML, CSS, python, javascript, react native, Objective C ◇ **Team Work** Experience in working with Scrum framework