

Saba Salehi

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- 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: 16.94/20
Relevant Courses:
Design and Analysis of Algorithms (18.8/20),
Intro to Bioinformatics (20/20),
Advanced Bioinformatics (not assigned yet),
Linear Algebra (16/20),
Theory of Computation (18.1/20),
Advanced Graph Theory (16.1/20),
Stochastic Processes (17/20),
Linear Programming (16.9/20),
ongoing: Artificial Intelligence
◇ **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 (ongoing)**
◇ **Detecting Traumatic Lesions on CT Using Deep Learning Methods (ongoing)**
- 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: HTML, CSS, python, javascript, react native, Objective C, R (experience with biological libraries)
◇ **Team Work**
Experience in working with Scrum framework