

HANA AKBARNEJAD

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EDUCATION

COLUMBIA UNIVERSITY, MAILMAN SCHOOL OF PUBLIC HEALTH Master of Science (MS) in Biostatistics Related Courses: Data Science (R), Biostatistical Methods, Epidemiology, Intro. to Public Health	New York, New York Expected May 2021
UNIVERSITY OF WASHINGTON AT SEATTLE/SEATTLE PACIFIC UNIVERSITY Part-time Student Related Courses: Probability and Mathematical Statistics, Linear Algebra, Differential Equations, Linear Analysis, Applied Biostatistics, Java Programming	Seattle, WA March 2017 - Dec 2018
UNIVERSITY OF TEHRAN Master of Science (MS) in Nanobiotechnology GPA: 18.85/20 (equivalent to 4.0/4.0) Related Courses: Design of Experiments and Statistical Analysis of Data (SAS), Bioinformatics, Biophysics Honored as a member of "Exceptional Talents of University of Tehran" for being top-ranked in coursework and thesis defense in Nanobiotechnology	Tehran, Iran Feb 2017
UNIVERSITY OF TEHRAN Bachelor of Science (BS) in Cellular and Molecular Biology GPA: 17.12/20 (equivalent to 3.68/4.0) Related Courses: Biostatistics (SPSS), C++ Programming, courses in Genetics, Biology, Biochemistry Honored as a member of "Exceptional Talents of University of Tehran" for ranking among top 10% of all Biological Sciences Students	Tehran, Iran Feb 2013

ACADEMIC RESEARCH

UNIVERSITY OF TEHRAN/TARBIAT MODARES UNIVERSITY "Investigations on Nanotoxicity of Gold Nanoparticles on Acetylcholinesterase" Performed Experiment Design, Lab work, Data Analysis and visualization (SAS), Preparing Research Reports	Sep 2015 - Feb 2017
UNIVERSITY OF TEHRAN "in silico Study of Gold Nanoparticle-Cholinesterases Interactions; A Molecular Dynamics Simulation Study" Performed MD Simulations (Gromacs) to investigate protein-NP interactions	Sep 2015 - Feb 2017

TEACHING EXPERIENCE

Molecular Genetics and Gene Cloning Lab Instructor, University of Tehran	Fall and Winter 2012
Biology and Genetics Teacher, Manzoumeh Kherad High School	Summer 2008 – Summer 2010

LEADERSHIP AND INVOLVEMENT

HEALTHCARE DATA ANALYTICS STUDENT ORGANIZATION (OPERATIONS VP) Defining and implementing organization's operations strategy, structure, and processes Organizing skills-based workshops and professional networking events for Mailman SPH students	Sep 2019 - Present
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HONORS AND AWARDS

Ranked in top 0.4% among undergraduate students who took the university Iranian entrance exam for graduate studies in biological sciences	Aug 2013
Ranked in top 0.2% among nearly 500,000 who took Iranian university entrance exam	July 2008

SKILLS

- Statistical packages: SAS, SPSS, Minitab, GraphPad Prism
- Programming languages: R, Java, C++
- Relational Data base Design, SQL, Git, Github, Tableau
- General: Microsoft Office (Word, Excel, PowerPoint), LaTeX, Overleaf, Adobe Illustrator
- Various Biophysical packages, Bioinformatics tools, and Molecular, Cellular, Biochemical, Biophysical lab skills
- Languages: English (Full Professional Proficiency), Farsi (Native)

WORK AUTHORIZATION

Legal permanent resident, authorized to work in the United States with no limitation