

Dariush Aligholizadeh

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Education

Towson High School

HIGH SCHOOL DIPLOMA

GPA: 3.88

Towson, MD

Sept 2016 – May 2020

University of Maryland, Baltimore County

BS IN COMPUTER SCIENCE/BIOCHEMISTRY & MOLECULAR BIOLOGY DOUBLE MAJOR

GPA: 4.0

Baltimore, MD

Sept 2020 – May 2024

Work Experience

Fiverr

FREELANCE SOFTWARE ENGINEER

- Communicate with clients and create various applications using their specifications
- Maintained a 5-star rating

Remote

Oct 2017 – Present

Kumon Math & Reading Center

MATH INSTRUCTOR

- Taught children K-12 math from basic addition and subtraction up to Calculus 2 and Linear Algebra

Cockeysville, MD

June 2018 – Sept 2019

Towson University

RESEARCHER

- Publishing first authored paper on the green syntheses of Silver Nanoplates

Towson, MD

March 2019 – Present

Johns Hopkins Medical School

RESEARCH ASSISTANT

- Created cell imaging software analysis tools working with ImageJ and helped develop CNN on trained cell data

Baltimore, MD

Aug 2019 – Nov 2019

University of Maryland Medical Center

RESEARCH ASSISTANT

- Created cell imaging software analysis tools working with ImageJ and helped develop CNN on trained cell data (continued from JHU)

Baltimore, MD

Nov 2019 – June 2020

Skills

Programming Languages: JavaScript, Python (2.7 & 3), Java, C/++, LaTeX, Adobe Creative Cloud Applications

Frameworks & Libraries: ReactJS, NodeJS, OpenCV, Tensorflow

Languages: English, Farsi, Spanish, Turkish

Leadership: President of Programming Club, President of Biology Club, Vice-President of Linguistics Club

Projects

SIGN Webpage

CREATED A WEBPAGE FOR THE SOCIETY OF IMAGING AND GUIDED NEUROINTERVENTION

JavaScript, ReactJS

<https://www.neurosignsociety.org>

Torn.io

AN MMO SPACESHIP GAME

Javascript, ReactJS, Socket.io

(websockets)

<https://www.torn.space>

Honors & Awards

May 2020	USABO Semifinalist , Top 7% of contestants nationwide, made it to the national semifinals in biology (100,000+ contestants)	<i>United States Biology Olympiad</i>
Mar 2018	LBC^2 3rd Place , Finished third in the annual cyber-security competition (was competing solo against teams for 4)	<i>Loyola Blakefield</i>
Jul 2019	AP Scholar w/ Distinction , Awarded to students who average a minimum of 3.5 on all their AP exams and score 3 or more on at least five of these exams.	<i>College Board</i>