



Tareq Dandachi

Education

Massachusetts Institute of Technology

Class of 2022

Candidate for B.S. in Electrical Engineering and Computer Science.

Candidate for B.S. in Mechanical Engineering concentrating in Biomedical Engineering.

GPA 4.8/5.0

Work

The Tech — MIT October 2018 - Now

Head of Technology

Worked on the website thetech.com, which is written in Ruby, HAML, SCSS, CoffeeScript and JavaScript.

Maintained the Adobe Indesign CMS plug-in that is used by the production department to make the newspapers.

Assistive Tech — MIT October 2018 - Now

Executive

Created the website assistivetech.mit.com and maintain it.
Organized ATHack 2019.
Graphic Design, Merchandise and Publicity.

CBS — Lebanon July 2018 - Now

Java Developer

Developed Java programs for CBS clients and implementations for services provided by Oracle to clients.

CBS — Lebanon June 2019 - Now

Brand Designer

Designed the new logo and brand identity for the company.
Overhaul includes a redesigned website cbs.com.lb.

Skills

Technical Abilities

3D

Cinema4D, Unity, Maya, SceneKit, ARKit, AutoCAD.

Graphics

Affinity Designer and Photo, Adobe Illustrator and Photoshop, Sketch, Principle, SpriteKit.

Web

MAMP, Docker, Node.js, jQuery, React, Angular.js, Apache.

Programming

Fluent

Swift, Python, JavaScript, CoffeeScript, HTML, CSS, SCSS, HAML, MATLAB, Bash, Basic.

Great

Objective-C, Haskell, Ruby, Java, AppleScript, PHP, C++, SQL.

Good

C, C#.

Awards

American University of Sharjah 2018

First Place

Developed headphones that allow deaf people to hear. Built a camera that tracks pupil motion using an IR camera and Machine Learning for ALS patients. Both Devices were attached to a pair of glasses with a total build cost under \$6.

Program Your Idea 2018

First Place

Nation-wide programming competition.

American University of Sharjah 2018

Second Place

Nation-wide math olympiad.

World Robotics Olympiad 2016

First Place in the UAE

First place on the Open Category for school students, second including all age categories. Built prototype model Mars rovers that communicated together to do complex rock analysis.

Abu Dhabi Awards 2018

Finalist

Nominated for the effects of my work (in biotechnology, artificial intelligence and circuitry) on the UAE community.