

# Jana Khanji

Communications and Electronics Engineer



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## Profile

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Energetic, dedicated student with strong interpersonal skills. Proven ability to work effectively with people of various ages and cultural backgrounds. Long-time interest in programming and designing.

## Education

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### Bachelor's degree in Communications and Electronics Engineering

2016-present

Beirut Arab University

(CGPA=3.95)

Expected graduation in June 2021

### Lebanese baccalaureate in General Science

2016

Islah Islamic High School, Tripoli Lebanon

(with honors)

## Projects

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### E learning

2020

- It is a window application that allows connecting instructors with students via video call.
- Developed using C# language.
- The instructor can also share screen, use whiteboard and transfer files.
- The program is based on Socket programming.

### Electromagnetic Propagation Project

2019

- Developed a Matlab tool that simulates the propagation of electromagnetic waves.
- The project was done by a team of 10 students
- I was the Quality assurance, my job was to ensure the communication between the team members and review the different deliverables (reports, code) from the different team members

### Art Online Store

2017

- A web page that allows users to browse art supply and choose what to buy.
- The page will save and calculate the total price of what the user chose.
- Developed using HTML, CSS and JS.

### Quiz Game

2016

- It is a game where players are asked questions randomly or base on a specific category
- Developed using C language.
- The program is based on text files Read/Write programming.

## Achievements

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### Theemar Business Idea Competition Third prize

2018

- Designing a Smart Patch to help parents to keep tracking their children while sleeping.
- Studying the market and developing the business plan of the project over 5 years.
- Working with a team of engineers and business students.

### Coder Maker Third prize

2016

- 4Days Camp organized by BAU Tripoli Campus.
- Participating with a team of two people.
- Designing an Automatic door system using Raspberry PI.
- Learnt how to work with sensors and motors.

## Workshops

### Web and Mobile Programming Workshop (Full Stack Development)

2019-present

- Organized by LAsER with Mr. Rony Rizk.
- A one-year workshop.
- We learnt
  - Front-end development (HTML, CSS, JavaScript, TypeScript and Angular)
  - WebApi (using .netcore C# and JavaScript)
  - DataBase (Ms SQL)

### Java Workshop

2017

- Organized by the order of engineers-Tripoli.

## Programming Languages

- C, C#
- Java
- HTML, CSS, Bootstrap
- JavaScript, TypeScript
- Arduino

## Tools

- Microsoft Office
- Advanced Design System (ADS)
- High-Frequency Structure Simulator (HFSS)
- LabVIEW
- MPLAB IDE
- MatLAB
- .NET Core
- Microsoft SQL
- NodeJs
- Angular
- Adobe Photoshop

## Memberships

- IEEE student member
- Designer of BAU-Tripoli IEEE Student Branch (2018-2020)
- Launching BAU Art club (Jan 2019-Present)

## Languages

- English
- French
- Arabic

## Hobbies and Interests



Programming

Digital Art