

# Georges Farah

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<https://gfarah.me>



Software Engineering student who loves to work on a wide range of projects, that goes from Robotics to Web. Programming since 2014.

## Education

2018 – PRESENT

**Engineer's Degree/USJ**

Computer and Communication engineering.

2003 – 2018

**SG/Sagesse Brasilia**

French and Lebanese baccalaureate – Math

## Experience & Projects

AUG 2021 – OCT 2021

**Full Stack Engineer Intern/Zero&One**

Created two web app for proctoring exams using React and Redux. Used Amplify and Cognito to handle the login. Created the backend using Serverless Framework, API Gateway, and Lambda Functions. Used Rekognition and Kinesis to create a video stream and check if the student is taking his exam without cheating. Used DynamoDB and S3 to store the data. Used Jest and Puppeteer for testing.

JUN 2021 – JUL 2021

**Machine Learning Intern/USJ**

Worked on the localization of a smart robot using AI. Created different supervised models using scikit-learn and TensorFlow. Maintainer of the GitHub repository.

FEB 2021 – SEPT 2021

**Full Stack Web Developer/Sila**

Created a PowerPoint add in using Office JavaScript API. Used Flask for the backend. Designed and implemented the database using DynamoDB. Used Docker and AWS to deploy the web application.

## Awards

JUL 2017

**Computing Summer Camp/LAU, Beirut**

Won 3<sup>rd</sup> place at the Computing Summer Camp. Won a scholarship. Created an Android app.

APR 2017

**Moubarat Ouloum/UNESCO**

Won the Bronze Medal in the 2016 National Championship of science. Created a Wearable belt with ultrasonic sensors which connects to an android app via Bluetooth.

## Licenses & Certifications

- AWS Certified Cloud Practitioner
- Deep Learning Specialization by Andrew Ng (3 of 6 courses)
- CCNA: Introduction to Networks

## Clubs & Volunteering

FEB 2021 – DEC 2021

**Campus Ambassador/Beirut AI**

Promoting AI on campus. Organizing workshops. Sending weekly posts about Beirut AI.

NOV 2020 - PRESENT

**Co-Lead/ Google Dev Club - USJ**

Promoting Google on campus. Completed courses and quests on Qwiklabs. Finished a track and won a t-shirt and stickers.

NOV 2019

**Team Leader/Caritas Achrafieh**

I was the leader in a charity event held on 30/11/19 in Caritas-Achrafieh. My role was to delegate and to coordinate between the different teams.

OCT 2021 – DEC 2021

### **Student Learning Compass/USJ**

Project made using the MERN stack as part of a Web development course.

The project consists of a mini LMS that helps teachers and students have a better means of communication between them.

<https://github.com/georgesfarah/student-compass>

SEP 2019 – NOV 2020

### **Coursis/Freelance**

Coursis is a university course scheduler that makes the life of every AUB student easier. Lead developer and maintainer. Launched in August 2019 and organically gained 350 users in the first two weeks.

AUG 2019 – PRESENT

### **WhatsApp Stories/Freelance**

Mozilla addon used to download videos and photos on WhatsApp stories(status).

<https://addons.mozilla.org/en-US/firefox/addon/whatsapp-stories/>

JUN 2019

### **Covid19 Tracker/USJ**

Python program to track Covid19. Achieved a full (20/20) grade on the course.

<https://github.com/georgesfarah/INFO3-PROJECT>

MAR 2018

### **Motus VR/USJ**

Microcontroller-based rig using gyroscopes and flex sensors to track hand/arm movement. This project was the runner-up for the USJ festival of science 2018.

FEB 2016

### **ECHO B.A.T/Moubarat Ouloum**

Wearable belt with ultrasonic sensors which connects to an android app via Bluetooth. This project won the Bronze Medal in the 2016 National Championship of Science.

OCT 2018 – JAN 2021

### **Public Relations Coordinator/ Hult Prize USJ**

Organized workshops to train the teams for the final competition. Helped the students in technical problems encountered in their online presentation.

## **Programming Languages & Skills**

C++ • Java • Python • Arduino • Raspberry Pi • Unix • AWS • MySQL • MongoDB • DynamoDB • HTML5 • JavaScript • TypeScript • Node.js • Express.js • React.js • CSS • jQuery • Flask • Materialize • Bootstrap • MaterialUI • Firebase • cPanel • Cloudflare • GitHub • Gitlab • Git • Docker • Docker Compose • Jira • Trello

## **Languages**

Arabic • French • English • Spanish