

# ANTOINE BELLANGER

APPLE DEVELOPER  
ARCHITECT



## BIOGRAPHY

17, Mobile Developer, Designer, Quantum Physics lover and a WWDC 2017 Scholarship Recipient.

I'm a student too, sometimes, when I don't code.

I know Swift very well, I did some HTML, CSS and Objective-C. I'm also currently working with Python and I can give a hand with Arduino. I also know how to write in LaTeX.

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## EXPERIENCE

### • CTO (CHIEF TECHNICAL OFFICER)



SOS SCHOOL ORGANISING SYSTEM UG | January 2018 - present

Project from dnd development and design UG.

Leading the team of developers.

Development of the iOS Application.

### • JUNIOR APPLE ARCHITECT



BIOWATCH SA | August 2017 - present

Working on the implementation of authentication using the Biowatch product in iOS and macOS.

In charge of all Apple "things".

Exhibitor at CES 2018, Las Vegas.

### • INTERN



DEPARTMENT OF QUANTUM MATTER PHYSICS, UNIGE | July 2017

Intern in the Triscone Group (Department of Quantum Matter Physics - DQMP). Working with the LAO/STO team on conducting oxide interfaces (using pulse laser deposition).

### • HEAD OF COMMUNICATION



SOCIETE NAUTIQUE DE GENEVE (SNG) | June 2016 - present

Head of SNG Sailing Team communication. Management of the Instagram and Facebook page.

Coordination of the team and of the pictures / videos.

### • MOBILE & WEB DEVELOPER



dnd development & design UG | August 2015 - present

Mobile and web developer. Development of mobile apps on iOS, watchOS and tvOS.

Development of websites (HTML5, CSS3) and with CMS (Wordpress, Webflow...)

Use of back-end servers (BaaS) - CloudKit, Firebase, Private Server.

Design of mobile apps and of websites.

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## EXPERIENCE

### • MOBILE & WEB DEVELOPER

ANTOINE BELLANGER | June 2014 - present

Development of applications for personal projects (Tarifs, What am I flying on ?)

Development of applications and websites for clients.

Design.

Apple WWDC17 Scholarship Recipient

## EDUCATION

### • INSTITUT FLORIMONT

GENEVA, CH | 2010-2018

Maturité bilingue (French - English) Geneva, Maths superior, Physics & Maths Application (OS), Chemistry (OC), Music

Class Representative

Specific option : Physics and Maths Application

Complimentary option : Chemistry

Diploma work :

The second quantum revolution : the new strategies and issues of the confidentiality of communications in the 21st century.

Main themes :

- "Mathematical" cryptography
- Basic Quantum Mechanics
- Quantum Cryptography
- Quantum Computer (Quantum Computing)

Others :

Creation of a website for a music exposition.

Creation of an app for a group of entrepreneurs (under 18).

Development in Arduino and in Python.

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## AWARDS

- **WWDC17 SCHOLARSHIP RECIPIENT**



APPLE INC. | June 2017

My project was to create a reproduction of the RSA algorithm with small numbers to illustrate the process of cryptography on Internet.

Made with Swift Playground.

WWDC17 was held in San Jose, California for one week in June.

- **INTERNATIONAL AWARD BRONZE & SILVER**



The Duke of Edinburgh's Foundation | 2015-2016

The goal of the award is to develop skills in sports, arts, volunteering and during expeditions in unknown places.

Expeditions took me in Lac de Joux (CH), Sommant (FR), Ain (FR), Ardèche (FR) and Loire (FR).

## MORE

- **SWISS SAILING LICENSE, CATEGORY D**

SERVICE CANTONAL DES VEHICULES, GENEVA | July 2016

License to sail any type of boats on all the lakes in Switzerland including border lakes.

- **ARISS (AMATEUR RADIO ON THE INTERNATIONAL SPACE STATION)**

INTERNATIONAL TELECOMMUNICATION UNION (ITU), GENEVA | 2013-2014

Radio contact done at the ITU to talk to the astronauts in the ISS.

Conference by Mr Herbert Aeby, Payerne station manager.

Conferences at the ITU on space and the different roles of the organisation.

Visit of Payerne Aviation Museum.