



# Giovanni Filafferro

Software Engineer

Designer



Get my contact here!

## EDUCATION

### Bachelor Degree Computer Science and Engineering

Politecnico di Milano, Milan, Italy  
September 2017

### Master Degree Computer Science and Engineering

Politecnico di Milano, Milan, Italy  
Expected September 2019

## SKILLS

- **Excellent** - Swift, Objective-C, C++, Javascript (also Node.JS), PHP, HTML, CSS
- **Good** - Python (also Keras and CoreML), C#, Java, Pascal, Electronics, PCB, 3D Rendering
- **Language** - English (Certificate FCE, TOEIC), German (Scholastic), Italian (Native)

## WORK AND LEADERSHIP EXPERIENCE

- **Project "Travlendir+",** Chief Officer, iOS Developer, Designer  
(git: [github.com/fila95/TravlendirPlus](https://github.com/fila95/TravlendirPlus))  
  - Demonstrated ability to manage and coordinate a group composed of 3 people each one with different roles. Dec 2017 - Jan 2018
  - Designed and Implemented complete Swift app as well as its backend in Node.js
- **Project "Clinica Balsamica",** Chief Officer, Web Developer, Designer  
(git: [github.com/philosss/clinica-balsamica](https://github.com/philosss/clinica-balsamica), website: <http://clinicabalsami.ga>)  
  - Required management and coordination of a group composed of 3 people with different roles. Summer 2017
  - Taught front end programming techniques to group participants whose skills ranged from complete beginner to intermediate.
- **Desio Freelance iOS App,** Developer, Designer  
  - Created App to allow people to try on colored contact lenses just by taking a selfie, downloaded by 49,800 users. Fall 2015 - 2016
  - Commissioned by a large company (DesioLens), developed in very little time, working entirely as a solo developer.

## PROJECTS (Older ones can be found on [nanotek.me](http://nanotek.me))

- **"PROJECT: MayDay",** Hardware, Software and Appearance Designer  
  - First Hardware and Software build I have ever done. I have been designing and building both including the 3D designs which I printed and used as a working base for this project. Spring 2018
  - Demonstrated abilities to combine Swift (App side), C++ to implement the custom built PCB Board (Designed in Eagle), and Fusion 360 (To create the real model).
- **"TripToilet",** iOS App  
  - Created to help people find the best toilet nearby through reviews and traveler photos. Summer 2015 - Now
  - Gained over 45,000 downloads (still growing) and is still used in Italy today.
  - Appeared in Best New Apps on the App Store.
  - Showcased web development skill by creating an entirely custom API to build the app.
  - App honored and reviewed by some of the most important Italian blogs and newspapers, such as iSpazio and iPhoneltalia.
- **"YouChef",** iOS App  
  - Developed App to allow people to save their recipes and share them with friends and family, Summer 2014 - 17
  - Demonstrated fast implementation of Swift patterns, Auto Layout and server secure connections, and developed entirely in Swift.

## ACHIEVEMENTS

- **WWDC 2015 - 2016 - 2017 - 2018 Scholarship Winner** June 2015 - 2018  
San Francisco (17-18 San Jose)
- **Hackathon Ravenna (1st Prize)** October 2016  
  - Led a team comprised of 5 people against 10-15 other teams in an effort to enhance the experience of visiting Ravenna.