

# Juan Ignacio Basilio Flores

CTO WAPOSAT

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## Summary

I am passionate about technology since I was a child, and my parents taught me that I have to follow my passion if I want to achieve something transcendent, for that reason since some years ago I am working as CTO of **Waposat**, a technological entrepreneurship to give life to rivers through a real time monitoring system of water quality that helps companies and public organization on LATAM to optimize their process and care our rivers, at the time we made impact on society and environmental, avoiding social conflicts between mining companies and communities, and our warning system saved lives and avoided great economic losses. Also, I share the experience and knowledge gotten from different trainings and mentors through **Tres Mentores** and **INITEC**.

## Experience

Jan 2015 **CTO & Co-Founder Waposat** , *Giving life to rivers.*

- Present
- Mar 2018 - 1st Place Team in Hult Prize National University of Engineering.
  - Nov 2017 - Selected as 3th Generation of StartUp Peru.
  - Nov 2016 - 3th Anual convention of Patents and invention, organized by Indecopi.
  - Nov 2015 - Finalist of International Business Model Competition at National University of Engineering.
  - Apr 2015 - Finalist of TIC Americas Competition.

Jan 2018 **Tres Mentores**, *Technology Mentor*

- Present
- I share the experience and knowledge gotten from different trainings and mentors, to make easier and faster the travel of the youngest entrepreneurs who is beginning this experience.
  - [facebook.com/TresMentores](https://www.facebook.com/TresMentores)

Aug 2012 **Co-Founder INITEC**, *Make big impact as entrepreneur.*

- Present
- Trainer of **Program of Innovation**, eight weeks to launch your StartUp aligned with the Sustainable Development Goals.
  - Speaker at 1th Technological meeting of the cultural center NUCLEO.
  - Speaker at conference **Management of innovation and Technological Institutions**.
  - Speaker on **World Telecommunications Day** organized by Cultural Center of Telecommunications.

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## Education

Aug 2013 **Eco-Entrepreneur**, *Saïd Business School, University of Oxford*.

- Program including expert training with NexLinks Mentors, Week2Grow workshop and International Expo, organized in collaboration of YABT, PepsiCo, OAS.

2010 **BSc. Mechatronic Engineer**, *National University of Engineering, PE*.

- to 2015
- Certificate of Recognition for be part of the 3th Generation of StartUp Peru.
  - Certificate of Recognition by the 1st place on **environmental innovation contest** organized by NESsT International.
  - Certificate of Recognition by create an organization to promote the entrepreneurship on the University.
  - Certificate of Recognition by the 2nd place on **TIC Americas - EcoReto** organized by YABT.

Languages Spanish (native), English (fluent).

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## Skills

Industry Knowledge Project management, web design, scrum, strategic planing, web development, hardware development, model business generation, lean startup, electronics, artificial intelligence, electricity, product management, server management, server security, Internet of Things, CRUD Architecture.

Tools & Technologies Assembly language, C++, python, javascript, PHP, MySQL, C#, Matlab, LabVIEW, Solid work, AutoCAD, arduino, proteus, linux, adobe premier, adobe after effects, Google maps API, Google script, DialogFlow, apache, nginx, Amazon web services, GIT, HTML5, CSS, JQuery, Bootstrap, Odo.

Interpersonal Skills Communication skills, Integrity, Non-verbal communication, problem solving, Team building, Leadership, Oratory.

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## Main Projects

2018 - Present  
WAPOSAT **River overflow warning system** - Every year the Peru country have to make face to a phenomenon called "El nino", that generates heavy rainfall throughout the country, this provokes the overflow of rivers affecting hundreds of families. We develop a real-time monitoring system of the flow of rivers, helping to reduce the number of affected. This is implemented on Chillon River, Canta - Peru with an open view on the web site: [rio.waposat.com](http://rio.waposat.com).