

# Malcolm Davis

[www.malcolmdavis.xyz](http://www.malcolmdavis.xyz)



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## Education

2012 – 2018 **Costa Rica Institute of Technology**, Cartago, Costa Rica

[www.tec.ac.cr](http://www.tec.ac.cr)

- Bachelor's Degree in **Computer Engineering**. Coursework included, among others, Image Signal Analysis, Algorithms, Data Structures, Compilers, Databases, Circuit Analysis in AC and DC, Computer Architecture, a wide range of maths and sciences courses and Entrepreneurship.

## Experience

6/2017 – Present **GoTouch**(Lab at the Computer Investigation Center): App Developer

[GoTouch](http://GoTouch)

- Started the development of an **informative app** for the JOCICI 2017 congress. Bring back to life an educational game developed by an early team.

8/2016 – Present **Nabit**: Co-founder and CTO

[www.nabit.xyz](http://www.nabit.xyz)

- **Co-founded** Nabit, a research and development company that creates technology that eases the work of people who are making efforts to help the environment in different ways.
- Lead the H&S **development team** to research and develop a wildlife investigation camera that meets the unmet needs of wildlife researchers, at half the price. We're now developing a prototype.

## Activities & Leadership

2017 **GIT and MPI WorkShops**: Developed and imparted a introductory [Git workshop](#) and a [MPI workshop](#) for the IEEE's Circuits and Systems Society and Computer Society(respectively) of the Costa Rica Institute of Technology Branch on the electronic and computer week of this Institution.

2017 **NASA SPACE APPS CHALLENGE**: Mentored the 16 Costa Rican teams on subjects like software and hardware prototyping and business. This is an international NASA organized hackathon that occurs over 48 hours in cities around the world, to address challenges we face on Earth and in space.

2016 **ICPC-ACM**: Went up to regional semifinals with a team of 3 computer engineer students, until we were forced to resign due to a member's personal issue.

2016 **Hardwarethon**: Lead a team of 4 members of different disciplines on the construction of the first prototype of a wildlife camera that meet the necessities of the investigators, this in only 48 straight hours. We got the organizers attention and created a company around that product.

## Skills

- Spanish – Mother tongue, English – Fluent (B2)
- Python, C/C++ and Java – Most used languages, on personal and college projects.
- Circuit Analysis and Design – Learned on college and practiced on personal projects.
- Arduino & Raspberry Pi Prototyping – Mainly the ones I used to prototype personal projects.
- Basketball Fan – Right now training with the college team.
- Teaching – Enjoy sharing the knowledge with my pairs.