Malcolm Davis

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Education

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

● Bachelor's Degree in **Computer Engineering**. Coursework included Algorithms, Data Structures, Compilers, Databases, Digital Signal Processing, Digital Image Processing and Analysis, Circuit Analysis in AC and DC, Digital Systems Design and Entrepreneurship.

Experience

8/2016 – Present   **Nabit:** Co-founder and CTO   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 Software and Hardware departments to research and develop a way to make wildlife investigation cameras meets the unmet needs of wildlife researchers, at half the price. Right now we're developing a prototype.

3/2015 – Present   **Costa Rica Institute of Technology:** Physics Course Assistant

● Developed a mobile assignment grading system, that halved the revision and report time, also constructs feedback of the average behavior of the students with auto generated statistics.

Activities and Leadership

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   **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.

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   **Integratec Mentoring Program:** After being selected in the program, guided some of the Costa Rican Institute of Technology **CE** freshmen to incorporate to college life.

Skills and Interests

● 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.
● Basketball Fan **–** Right now training with the college team.