Penguin Academy

We are at the start of a new era of learning. And it has arrived just in time.

In the current digital age, access to the internet is ever-present. The ability to be connected and share the resources in the right way, opens up possibilities to exercise a leapfrog in education. Technology only knows one way: becoming cheaper and accessible to more people. How we use this is the responsibility of our generation.

In Penguin Academy we believe everyone is unique, and so are each of their needs. Prevailing standardized non-progressive ways of teaching do not respect that, which is why we strive to challenge that status quo.

We envision a world where education is self-sustainable, and where technology and humanity can work together in harmony.

We are on a mission to make knowledge accessible and education continuously progressive. To accomplish this, we set individuals on a path of self-responsibility and help them fulfill their full potential. To accelerate it, we build communities and inspire divergent thinking.

Why coding and what makes us stand out?

Coding can be taught and utilized anywhere in the world.

Coding is in high demand, community enables matching. There is a lot of surplus to be created.

Our living curriculum stays relevant in the times of progress.

Our innovative teaching techniques out-perform the standard academic

What do we do?

We organize coding boot camps, using our evolving curriculum and specialized learning platform. Having established pilot programs since 2016 in Switzerland, China and Paraguay we found that coding is not an academic skill nor needs intensive prior math skills. It is a system of thought that can quickly be picked up by any human being. Beyond the coding itself it develops skills like problem solving, structured thinking, general learning and self-responsibility.

Just as the automated digital future calls for technical skills, we believe that it makes it even more important to be combined with truly human values and capabilities: curiosity, teamwork, striving for progress, compassion and interest in truth.

We have found that people going through our programs develop a sense of purpose, a will to create new things, explore, develop further and learn, curiosity and want to contribute and give back to society. Coding does not just teach you a skill; it opens one's idea of what is possible and strengthens a sense of community.

It's time to understand coding as a powerful school of thought.

Bringing the world together

Our Bootcamps require no prior knowledge and are designed for employees, manager or teacher. We believe building a great curriculum takes time and it has taken us nearly two years to design the bootcamp. It is our longstanding experience that makes our program so efficient.

Each bootcamp ends with a 3 day hackathon in which the participants create their own product and show their skills.

Aside the coding, we teach crucial skills:

▶ **Collaboration in Coding**
▶ **Engineering Mindset: Building in Iterations**
▶ **Debugging: Searching ans Isolating Errors**
▶ **Researching: How to use Google**
▶ **Learning: How to read the technica**

▶ **How did we get there?**

The Beginning

Engaged professionals with various backgrounds and vast relevant experience came together in order to support the cause..

China

Our team taught Coding, 3D modelling & Application prototyping and ran a leadership week in the city of Zhenjiang China.

Switzerland

In addition to regular meet-ups, we taught and mentored at two bootcamps and developed the curriculum for. The outcome: our students programs several of their own during the hackathon, such as a chat room, a student website and a virtual assistant.

The curriculum was constantly updated as feedback was received...

Paraguay

We envision strengthening the coding community within Paraguay and running a series of bootcamps over the span of 2019. Our aim is to establish a coding school by March 2020, where knowledge can flourish and propagate throughout and beyond the country.

... and more coding groups were established, thereby building and spreading the community.

Penguin students are working on real paid commercial projects. As we propagate this decentralized network of coders, the number of individuals instructed grows exponentially.

Students reached so far: 570
Events created so far: 60+

Learning how to code and creating first-class software is just as possible for high school girls in the Paraguayan Rainforest, as it is for University Students in Switzerland
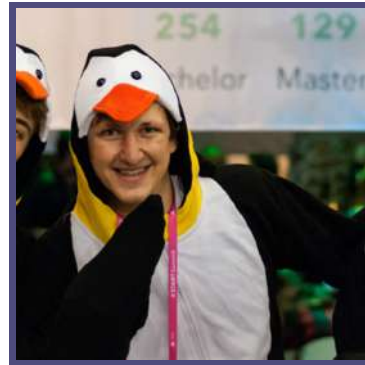
Meet the Penguins

...and our values

Jakub Schwarz

Finance & Business Development

Björn Schmidtke

Entrepreneur and Developer

Ariana De Los Cobos

Project Management

Bryan Giger

Tech Head

Tetyana Drobot

Corporate Relations

Alberto Baccelli

Empirical Software
Engineering Professor

Core upcoming projects

3 bootcamps in 2019

Dates: February, July, September

Projected budget: 68 000 USD

3 week long bootcamps using the living curriculum, innovative teaching techniques outperforming the standard ones. The course is focused on underprivileged teenagers and would target a group of 30 students.

- Programming with Python
- the Basics of Web Development
- about the Internet of Things (IoT)
- about Crypto and Blockchain
- about AI & Machine Learning

Digital Paraguay

Dates: Ongoing initiative

Projected annual budget: 40 000 USD

Events relating to developing and strengthening the tech-community in Paraguay:

- Talks & meeting events with Representatives of Companies / Authorities
- Events where the Alumni, Partners, Companies meet and the new student batch is kicked off
- Platform where Individuals (Professionals) can sign up to bring the initiative forward

Self-sustainable Boarding School

Date: Spring 2020

Projected budget for the first 3 years: 1 050 000 USD

A school with a 3 year program applying individualized learning, focused on bootcamp attendees wishing to become world-class developpers. The concept of the school is the following:

Bootcamp	Year 1	Year 2	Year 3	Paid job
Awaken Curiousity Learn to Learn Coding Mindset	Programming Master Coding Learn Technologies	Software Engineering Master Teamwork Guide Teams	Software Business Contracts and PM Selling and Freelancing	

Online Learning Platform with real time feedback

Deadline: running by the end of 2019

Projected budget: 120 000 USD

Development of an online learning platform that, in addition to carefully designed and constantly evolving materials, offers:

- Instant feedback when submitting a coding task or having a question
- The opportunity to work on real world commercialized projects
- High involvement of students, interaction and engagement
- Content that is partially designed by the students themselves

▶ Partnership and sponsorship

We are seeking **operational partners** to foster the best learning environment for our learners (mentors, teachers, logistician, etc), as well as **industrial partners** for their guidance and support. Above all, we are grateful for any **financial contribution** and would be glad to discuss our projects further. Join us and become part of the movement: coding as a school of thought.

▶ Contact us

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