CodePhil
Nonprofit founded in 2016

What is our mission?

To empower youth in rural Philippines through digital literacy skills
Our story.

Lavezares, Northern Samar.
BBCMAIS High School
Programming Workshop
What do we do

We work in rural areas to democratize access to digital literacy and close gaps in education

- **Teach**
  - Computer programming, website development, 3D modeling

- **Train**
  - Computer programming, website development, 3D modeling

- **Develop**
  - TypePhil software to teach typing properly

- **Innovate**
  - Empower low-income youth to create technological solutions to community-identified needs
Teach

Curriculum co-created with local partners and context appropriate

Conduct offline trainings at public schools

Topics include Sphero, HTML/CSS, Python, CAD, Scratch

Inspire students to pursue tech careers
Train

- Provide software resources requested by teachers
- Train teachers on programming languages and tools
- Create curriculum for teachers to implement in classroom
- Installation of software and digital tools
Innovate

- Largest technology event for high school students in N. Samar
- Partnered with government, private sector, academia
- 1) Social innovation hackathon 2) Tech demos 3) Career/tech workshops 4) Speakers from various sectors
Develop

Free
Available offline and online
Teach students to type properly
Customizable based on local language and school system
Data driven decision making
Start typing!

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1,628 Tech4Ed centers (community computer centers)

30 M Students who attend public schools

68k Immediate users
Founders’ story

From chemistry to coding: skills required to drive entrepreneurship

Sang Jun
24 years old, Computer science @ Columbia, biophy, student VC organization, cryo-electron microscopy, data mining, software engineering

Jiwon
23 years old, Chemistry @ MIT, management consulting, polymer science, piano, global policy, social entrepreneurship
Phil's journey

How two college students started a nonprofit

Developed an idea

Researched the topic

Realized idea was not feasible

Created a new idea

Reached out to local community partners

Built a team of 5 students

Developed a business plan

Created curriculum

Built a team of 12 students across 3 universities

Prototyped a typing software

Piloted curriculum at a high school in Northern Samar

Met with local partners

Applied to grants

Developed a business plan

Organized an Innovation Summit

Pushed technology nationally

Trained teachers

Piloted typing software at 13 schools in Northern Samar

Met with investors

Launched typing software nationally

Building a digital literacy tools platform

Developed curriculum v2 for high schools

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Building a digital literacy tools platform

Developed curriculum v2 for high schools
Key success factors and skills
Tools for entrepreneurship
Perspectives

- Multistakeholder partnership for promoting local embeddedness of programs
- Equal access to digital literacy
- Resilient physical and digital infrastructure
- Community-driven ICT skills
- Youth engagement in policy design processes
- Open intergenerational and transdisciplinary dialogues

Digital skills = formal + informal skills
Together we can do it; together we can believe it.

Reve Peque Fernandez, 15, National High School, CodePhil participant
## Our Team

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<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Jun Park</td>
<td>CTO and Co-Founder</td>
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<tr>
<td>Feliciano</td>
<td>Chief Marketing Officer</td>
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<tr>
<td>Ibarra</td>
<td>Software Engineer</td>
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<tr>
<td>Agarwal</td>
<td>Curriculum Developer</td>
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<tr>
<td>Jiwon Park</td>
<td>Manager and Co-Founder</td>
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<tr>
<td>Sahir Jaggi</td>
<td>Product Manager</td>
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<tr>
<td>Neil Chen</td>
<td>Full-stack Engineer</td>
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<tr>
<td>Chelsey Wu</td>
<td>UI/UX Designer</td>
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<tr>
<td>Amanda Wu</td>
<td>MIT Coordinator</td>
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<tr>
<td>Victor Wu</td>
<td>Curriculum Developer</td>
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<tr>
<td>Vivian Shen</td>
<td>Innovation Summit Coordinator</td>
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<tr>
<td>Lucy Li</td>
<td>Workshop Coordinator</td>
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