



# MICHELLE LAGOS

K-12 COMPUTER SCIENCE TEACHER

Honduras C.A. 📍

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## WORK HISTORY

AMERICAN SCHOOL OF  
TEGUCIGALPA  
2008 - PRESENT

### Computer Science Teacher

- Middle School Computer Science teacher 2019 - present
- High School Computer Science teacher 2015-2019
- K-5 Computer Science teacher 2008 - 2015
- 9th & 10th grade Media Arts teacher
- 12th Grade Computer Science elective course teacher
- Computer Science Department Head 2010 - 2022
- TED-ED club advisor
- STUCO Co-Advisor
- 12th Grade advisor.
- Robotics club coordinator
- Technology Integration Specialist
- Department Coordinator for Elementary School Special Subjects
- Vice President of the Board of Directors of the school's Teachers Association (2009 - present)
- Responsible for K-12 Computer Science Curriculum Mapping
- Responsible for K-12 Computer Science standards unpacking and alignment
- Committees:
  - Member of the Technology Committee
  - Member of the STEM Team
  - Member of the School improvement committee
  - Member of the Core Leadership Committee

<http://amschool.org/>

CHRISTIAN AID  
2006 - 2008

### IT officer for Latin America and Caribbean

- IT Officer for Latin America and the Caribbean: in charge of the IT offices of Guatemala, Honduras, El Salvador, Nicaragua, Jamaica, Haiti, Dominican Republic, Colombia, Peru and Bolivia.
- Permanent liaison between Latin American offices and London IT headquarters.
- Responsible for providing end user support, provide professional development and new software training.
- Installing hardware and software.
- Planning and executing IT budget and purchases per office.
- Health & Safety Officer.

<https://www.christianaid.org.uk/>

LA ESTANCIA SCHOOL  
2001 - 2006

### IT Department Manager / Computer Science Teacher

- Language Lab Instructor,
- High School Computer teacher
- IT department manager. Responsible for developing the computer class and language lab curriculum, restructures the school's network, provides technology professional development to teachers, plan and execute the school's IT budget, coordinating the yearbook project and be the technology classroom teacher.

<http://laestanciaschool.edu.hn/>

UNIVERSIDAD  
PEDAGÓGICA  
FRANCISCO MORAZÁN  
2016 - 2020

### Bachelor of Arts in Educational Computer Science

UMASS - UWW  
2010 - 2012

### Early Childhood education

Graduate credits in education

UNIVERSIDAD CATÓLICA  
DE HONDURAS  
1996 - 2001

### Computer Science Engineering

A 4 year engineering degree in Computer Sciences

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## CERTIFICATIONS

COMMON SENSE MEDIA  
2020 - PRESENT

### Common Sense Educator

A common sense educator teach students to use technology responsibly to learn, create, and participate, teaching 21st-century skills.

LEGO EDUCATION  
2016 - PRESENT

### LEGO MINDSTORMS EV3 training

Training to:

- Implement and utilize LEGO® Education solutions in day-to-day teaching.
- Align the use of the material to curriculum standards.

I-SAFE FOUNDATION  
2010 - PRESENT

### Online Safety Awareness instructor

Certifies educators as facilitators to implement online safety awareness curriculum in the classroom and at home.

HARVARD GRADUATE  
SCHOOL OF EDUCATION  
2016 - PRESENT

### Teaching for Understanding

Teaching for Understanding: Educating for the Unknown

A course based on deepening a teacher's understanding of a number of fundamental questions:

- What is understanding, and why should it be an important goal of education today?
- If understanding is the goal, what should we be teaching? That is, what things are most important for students to understand?
- How can we design learning experiences that support students in learning for understanding?
- How can we create a reflective online professional community that supports our own understanding of how to teach and learn for understanding?

MICROSOFT PARTNERS  
IN LEARNING  
2010 - PRESENT

### Microsoft Innovative Educator

Build educator capacity for using technology in both the classroom and curriculum to improve student learning Advise Microsoft and educational institutions on how to integrate technology in pedagogically sound ways Be an advocate at conferences, events and trainings for how Microsoft technology can improve learning

GOOGLE FOR  
EDUCATION  
2014 - PRESENT

### Google Educator

Certified to be knowledgeable in Google apps for education and able to teach them.

UNIVERSIDAD  
PEDAGÓGICA  
FRANCISCO MORAZÁN  
2014 - PRESENT

### Teaching Certification

The Official Teaching University of Honduras issues a renewable teaching certification valid for 5 years to teach in Honduras.

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## PROFESSIONAL LEARNING COMMUNITIES

COMPUTER SCIENCE  
TEACHERS  
ASSOCIATION  
2022 - PRESENT

### Standards Alignment Committee Member [ 6-8 grade band chair]

Help evaluate curriculum offerings and alignment to the CSTA K-12 Computer Science Standards.

COMPUTER SCIENCE  
TEACHERS  
ASSOCIATION  
2021 - 2022

### CSTA Conference Committee Member:

Be a part of the team that makes CSTA's conference great! This group of volunteers selects the conference program and drives the vision for the onsite attendee experience.

COMPUTER SCIENCE  
TEACHERS  
ASSOCIATION  
2020 - 2021

**Professional Development Committee Member**

Vet PD opportunities and make easy for teachers to find quality programs that meet their needs. Research and report on trends among current opportunities, and provide guidance for and community among PD providers.

COMPUTER SCIENCE  
TEACHERS  
ASSOCIATION  
2016 - 2018

**CSTA Board of Directors : Representative at Large**

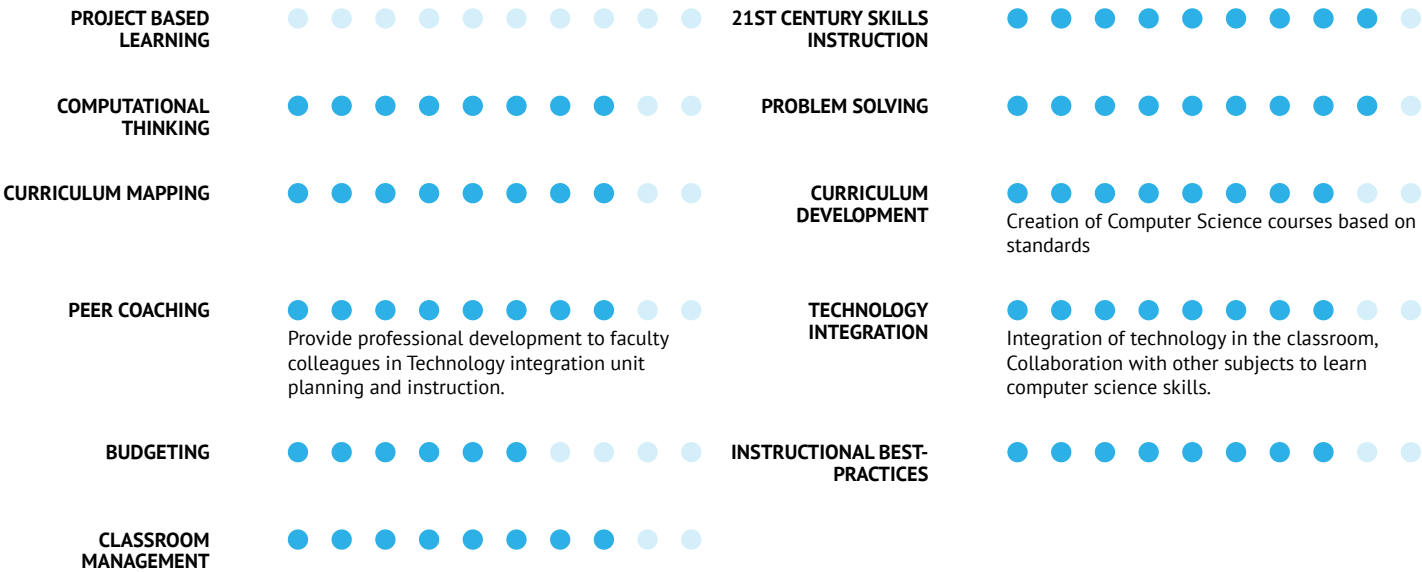
Representative at large for the board of directors which is a position granted by election of the association's members. Active member of K-8 computational thinking Task Force. Part of the executive committee, the nominations committee and the Marketing, Communications and Publications Committee, Member engagement committee & the IDEA committee

COMPUTER SCIENCE  
TEACHERS  
ASSOCIATION  
2012 - 2014

**CSTA Board of Directors : International Representative**

International Representative for the board of directors which is a position granted by election of the Association's members. Worked on the Curriculum, K-8 and International committees while on the board.

**SKILLS**



**PUBLICATIONS:**

- Computer Science Education in Honduras: [http://csta.acm.org/Communications/sub/CSTAVoice\\_Files/csta\\_voice\\_01\\_2015.pdf](http://csta.acm.org/Communications/sub/CSTAVoice_Files/csta_voice_01_2015.pdf)
- Confessions of an Elementary Computer Science Teacher: <http://blog.csta.acm.org/2013/10/03/confessions-of-an-elementary-computer-science-teacher/>
- Reaching out to CSTA's International members: <http://blog.csta.acm.org/2013/06/20/reaching-out-to-cstas-international-members/>
- Are Parents supporters or a challenge for Computer Science K-12? <http://blog.csta.acm.org/2013/04/26/are-parents-supporters-or-a-challenge-for-computer-science-in-k-12/>
- Training Critical Thinkers and Problem solvers: <http://blog.csta.acm.org/2013/01/23/training-critical-thinkers-and-problem-solvers/>
- International enrollment in US Computer Science Colleges: <http://blog.csta.acm.org/2012/12/14/international-enrollment-in-us-computer-science-colleges/>
- Improving the International focus on STEM: <http://blog.csta.acm.org/2012/09/19/improving-the-international-focus-on-stem/#comments>
- Mention -Programming = Better Math Skills + Fun :<http://www.tynker.com/blog/articles/tynker/programming-better-math-skills-fun/>

**SOCIAL MEDIA**

LinkedIn: [Michelle Lagos](#)

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Instagram: @mglagos

LinkedIn: [lagosmichelle](#)

Facebook: Michelle Lagos De Javier