

# Farid Minawi

**Address:** Beirut – Noueiriy – Awzaii St.

**Telephone:** +96171463340

**Contact:** [fminawi@gmail.com](mailto:fminawi@gmail.com)

**LinkedIn:** <https://linkedin.com/in/farid-minawi>

**Portfolio:** <https://faridminawi.com>

## e-Learning Specialist

Since 2007, I have been developing digital learning objects, science simulations, and engaging educational interactive applications, harnessing the power of web technologies such as HTML5 and JavaScript. With a robust background in teaching and e-learning development, I have seamlessly integrated theoretical studies with hands-on experimentation, sculpting immersive digital learning experiences that kindle learners' enthusiasm for knowledge. My adeptness in administering Moodle adds another layer to my expertise, enhancing my ability to shape comprehensive educational journeys that resonate with learners' needs.

### EXPERIENCE

<b>Developer</b> World Learning, Inc	2021/8/2 - Present
<b>Physics coordinator</b> Iman Pilot School	2020/10/1 - Present
<b>Moodle Course Creator and Administrator – Self-employed</b> physics-zone.com/elearning	2019/10/28 - Present
<b>Rich Application Developer – Self-employed</b> physics-zone.com	2007/10/1 - Present
<b>Physics Lab instructor</b> Lebanese Preparatory School	2007/10/1 – 2014/9/30
<b>Physics teacher</b> Iman Pilot School	2012/10/1 – 2020/6/30

### EDUCATION

<b>Master of Education (M.Ed.) - Educational Technology</b> Lebanese University - Faculty of Education, Beirut	Oct 2022 - Jul 2024 (Expected)
<b>Maitrise-es Sciences (MSc.) - Physics - Electronics</b> Lebanese University - Faculty of Sciences, Hadath	
<b>Bachelor of Science (B.S.) - General Physics</b> Lebanese University - Faculty of Sciences, Hadath	

### SKILLS

Digital learning objects, Computer simulations, JavaScript, HTML5, CSS, C++, ActionScript, Electron platform, Adobe Flash, Adobe Animate, Adobe Photoshop, Adobe Illustrator, HTML5 Games, Rich application development, Camtasia, Articulate Storyline, WordPress, Moodle, Word, Excel, PowerPoint, ActivInspire, Instructional design, E-Learning, Teaching, Online teaching, Gamification of learning, Flipped classroom, Curriculum design, Effective learning objectives, Effective learning assessments, Physics Lab, Circuit design, PIC Microcontrollers, Arduino.

## LICENSES & CERTIFICATIONS

<b>Create HTML5 Games Using Adobe Animate</b> Udemy - uc-1e87b408-cad9-4a77—9a29-3f8b4292c2d5	2022
<b>Moodle Administration Essential Training</b> LinkedIn Learning - AZj68XAzUge8umWDAETzPmp2cibl	2020
<b>Camtasia: Advanced eLearning Editing</b> LinkedIn Learning - AbMWw0pauKt_n6oVYPi6kwN5RRW3	2020
<b>Camtasia 2019 Essential Training: The Basics</b> LinkedIn Learning - ASrithgQE_osGCMw_g-lTNECjeJ1m	2020
<b>WordPress for Beginners - Master WordPress Quickly</b> Udemy - UC-bbb419ab-79e0-48a4-8b7e-54a93c48892a	2020
<b>Learning to Teach Online</b> LinkedIn Learning - Aa77eyWkPoAeZL5Mkszd97WIRaSo	2020
<b>Electron: Building Cross Platform Desktop Apps</b> LinkedIn Learning - AZD-yLULuMAwrF1vxqJvtvS8jzDR	2020
<b>Arduino Workshop 2018</b> Udemy - UC-632779a3-d0a8-42bc-ad54-29f2ec9c8d62	2020
<b>Fundamentals of JavaScript</b> Stone River eLearning - cert_sqtys0jp	2020
<b>ELearning Essentials: Instructional Design</b> LinkedIn Learning - AZW6M5sq1FvXMMT6rww_fd99ifaB	2020
<b>Gamification of learning</b> LinkedIn Learning - AV65wrghWYCxXRWMIDVnE4_NDoxG	2020
<b>Learning Articulate Storyline 3</b> LinkedIn Learning - AZE-wJ0UixTteV-lrHXOpx16J082	2019
<b>Teaching Techniques: Creating Effective Learning Assessments</b> LinkedIn Learning - AXA5I0kCKo8XEYzt9xYaPlkAs8FI	2019
<b>Learning Moodle 3.7</b> LinkedIn Learning - AflvWzN4WdZLCm-s03D0aEFp518w	2019
<b>Flipping the classroom</b> LinkedIn Learning - ARLmwpesD-2bs7VePmCRpvEU5MkB	2019
<b>Teaching Techniques: Classroom Management</b> LinkedIn Learning - ASgJuLK2d0csinugkLqQqq2-bnVz	2019
<b>Learning Arduino: Foundations</b> LinkedIn Learning - AUHqlo2_kRhnpHflywJDGOuizthg	2019
<b>Handling an Unruly Audience</b> LinkedIn Learning - AURwIDKwj_PlhnsFb-1s-kl8-kwK	2019
<b>Teaching Techniques: Developing Curriculum</b> LinkedIn Learning - Ad3N2QN_f9ZtuFzUAx16kr0pqrM	2019

## Teaching Techniques: Writing Effective Learning Objectives

2019

LinkedIn Learning - AcxhxXnKlhVwmrL536C8pdX0OgrA

## Teachers can be great speakers

2019

Udemy - UC-4YF2UXO6

## ACCOMPLISHMENTS

### Physics Zone (<https://physics-zone.com>)

Created Physics Zone, which is a platform designed to provide educational interactive physics and math simulations. The goal is to present complex scientific concepts in an engaging and interactive user interface, making them more accessible and understandable.

### Virtual Oscilloscope (<https://physics-zone.com/sim/virtual-oscilloscope>)

Developed the most visually rich and informative virtual oscilloscope available on the Internet. Its rank is the first on the Google search engine when searching for "oscilloscope simulation."

### Physics Zone eLearning (<https://physics-zone.com/elearning>)

Created Physics Zone eLearning, which is an online learning platform that provides educational courses for students and professional development courses with a focus on physics education. The site is built on a Moodle platform, which offers a user-friendly and interactive learning experience.

### Adopting educational technology in teaching

- Used my knowledge of Adobe Flash and Animate to design and program virtual lab simulations to supplement the real lab and to help explain and visualize concepts.
- Used the directed discovery approach and integrated lab experiments and simulations in the lectures to better comprehend the material.
- Implemented the flipped classroom methodology to assist the learners in mastering the knowledge, with the help of the online courses that are created on my Moodle platform.
- Benefited from the Moodle platform that is set up on physics-zone.com to keep track of the learners and maintain the learning process during the COVID-19 pandemic.

## PUBLICATIONS

Using a web-based and stand-alone oscilloscope for physics experiment during Covid-19 pandemic (DOI: <https://doi.org/10.1088/1361-6552/ac95eb>).

## LANGUAGES SKILLS

Arabic: Native

English: Fluent