

PROFESSIONAL EXPERIENCE

Web Developer	ENCCODE	April 2021 - Present
<ul style="list-style-type: none">Designed and implemented websites for different types of businesses (finances, mental health, psychology, skin care, construction) using HTML5, CSS3, Bootstrap, jQuery and JavaScript on the client side. Optimized those websites for correct display on different devices (responsive web design).Applied version control software (Git) to track, test, and update preexisting source code.Optimized page structures to ensure pages load under 5 seconds.Optimized page structures to align with SEO strategy, including implementing hyperlinks and UTM codes.Implemented client-side scripts for MailChimp form submissions, contact forms, referral code management, Trustpilot and Instagram integrations via APIs.Designed and implemented a website for the sale of veterinary products using WordPress and WooCommerce.		

Personal projects

- Designed and implemented his personal page using HTML5, CSS3, Bootstrap, jQuery and JavaScript on the client side and on the server side he used NodeJS, Express. He used OAuth2 to securely authenticate to the mail server to submit the contact form. Deployed the website using Heroku, using Git and Heroku CLI.
- Implemented an app to manage multiple toDoList using NodeJS, Express, Mongoose, MongoDB and MongoDB Atlas. Deployed the application using Heroku (Project belongs to The Complete Web Development Bootcamp by Angela Yu).

Professor and Web Developer	University of Holguín	January 2014–July 2019
<ul style="list-style-type: none">Courses: Analytical Geometry, Linear Algebra, Programming and Algorithms, Mathematical Optimization.Designed and implemented modules to manage the interactivity of the courses in the Moodle platform and analyze the learning process (PHP, HTML5, CSS3).Implemented and designed a virtual learning object to improve the teaching and learning process of Analytic Geometry using technologies such as eXelearning, MathJax and Numbas.Designed and implemented the website for the Complex Analysis Group using WordPress.		

Network Administrator and Professor	University of Las Tunas	January 2013–December 2013
<ul style="list-style-type: none">Configured and mounted servers in Debian and Ubuntu. Virtualized servers using PROMOX. Configured ftp, cloud and antivirus services. Configured routers and switches.Course: Operating Systems.		

EDUCATION

M.S.E in Mathematics	Autonomous University of Guerrero, Mexico	Feb 2021
<ul style="list-style-type: none">Undergraduate Coursework: Discrete Mathematics; Graph Theory; Complex Variable; Differential Equations; Mathematical Analysis.		
M.S. in Mathematical Education	University of Holguín, Cuba	Feb 2017
<ul style="list-style-type: none">Undergraduate Coursework: Linear Algebra; Mathematical Analysis; Probability Theory and Statistics; Topics in Pedagogy; Psychology of Learning; Fundamentals of Educational Research; Didactics of Mathematics.		
B.S.E in Computer Science	University of Oriente, Cuba	Dec 2013
<ul style="list-style-type: none">Graduate Coursework: Optimization Theory; Graph Theory; Parallel Computing.Undergraduate Coursework: Databases; Compilers; Data Warehousing Fundamentals; Data Structures and Algorithms; Programming Languages; Discrete Mathematics; Logic.		

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- JavaScript; HTML5; CSS3; jQuery; Bootstrap; NodeJS; Express; MongoDB; Git; MySQL; C++; Python; NumPy; SymPy; WordPress; Shopify; Pixelmator Pro; Trello

LANGUAGES

- English (Intermediate); Spanish (native)