

# Andy Montalvo

Phone: +52 461 253 4450

Email: [andy.montalvowd@gmail.com](mailto:andy.montalvowd@gmail.com)

Portfolio: <https://andymontalvowd-portfolio.netlify.app/>

## PROFESSIONAL SUMMARY

Junior Web developer able to build a website from the ground up - from concept, navigation, layout and programming- to UX. Skilled at writing well-designed, and efficient code using current best practices in Web development. Fast learner, hard worker and team player who is proficient in an array of scripting languages such as JavaScript, PHP and Python.

## SKILLS

**Languages:** Spanish (Native speaker) and English (TOEFL B2)  
**Programming:** HTML5, CSS3, JavaScript, PHP, Python, SQL  
**Frameworks and libraries:** ReactJS, JQuery, Bootstrap, CodeIgniter, OpenCV, PyTorch, NumPy, Matplotlib, SciPy  
**Databases:** Microsoft SQL Server, MySQL, PostgreSQL, SQLite  
**Other tools:** Pentaho Data Integration  
**Working with** Nvidia Jetson Nano and Raspberry Pi  
**Microsoft Office package:** Microsoft Word, Excel, PowerPoint  
**Other skills:** Teamwork, self-motivated, understanding of user experience, accurate, initiative, organized.

## WORK EXPERIENCE

06/2017 - 12/2018

**Web Developer and Database Administrator**  
**ETECSA- Empresa de Telecomunicaciones de Cuba S.A. Havana, Cuba**  
Responsibilities:

- Specialized in web development and database administration using PHP/CodeIgniter, Microsoft SQL Server, MySQL, and PostgreSQL. Conducted quality assurance tests to look for errors, developing and implementing effective solutions to the issues.
- Designed applications that helped to increase company efficiency and productivity by 80%.
- Worked on back-end development tasks such as coding, ensuring work was done with precision.
- Implemented and maintained security measures to prevent unauthorized disclosure or accidental damage.
- Oversaw database system development to ensure requirements were met and modifications were made when necessary.
- Performed regular maintenance, troubleshooting, system restores, and system backups when necessary.

09/2016 – 06/2017

**Front-end Programmer**  
**Ministerio del Transporte. Havana, Cuba**  
Responsibilities:

- Specialized in HTML5, CSS3, and JavaScript. Framework: Bootstrap. Collaborated with designers and other team members to create clean interfaces and to optimize the experience and interactions of the user.
- Completed front-end development tasks and ensured user experience design was incorporated into websites for optimal user accessibility.
- Maintained high productivity and efficiency.
- Met with management and clients to determine the needs of a website to ensure it reached its goals.
- Remained up to date on current development practices and standards to produce only the latest and highest-quality work.
- Worked with team members, communicating about the information to be contained on the website and how to effectively present it.

## EDUCATION

2019 - 2021

**Master of Science in Electronics Engineering**, Technological Institute of Celaya. Celaya, Mexico. Fields of study: Electronics, Deep Learning and Computer Vision using Python.

2011 - 2016

**Telecommunication and Electronics Engineer**, José Antonio Echeverría Technological University of Havana-Cujae. Havana, Cuba. Thesis: "Vibration measurement for leak detection in water distribution networks". Focus on digital signal processing using Python.