

# JOHN BRYAN S. ODIÑA, ECE, ECT

+639276476889 | [johnbryanodina.dev@gmail.com](mailto:johnbryanodina.dev@gmail.com) | [www.linkedin.com/in/johnbryanodina/](http://www.linkedin.com/in/johnbryanodina/) | <https://github.com/bryanodina>

## SUMMARY

With half a decade academic background in Mechatronics and Robotics, I've transitioned from teaching and research to web development. I've self-trained in tools like VsCode, Git, GitHub, and WordPress, building a portfolio that demonstrates my adaptability. Shifting from hardware prototypes to software and web development, I've focused on creating practical solutions from theoretical knowledge. Guided by curiosity and adaptability, I'm eager to face new challenges, contribute to the community, and foster potential in others. This journey signifies my dedication to growth and reinvention amidst change.

**Technical Skills:** Git – Version control, VS Code, HTML, CSS, JavaScript, Python, Tailwind, React JS, Next JS, WordPress, Prototype hardware and software development, Microprocessor and PLC programming.

## PROFESSIONAL EXPERIENCE

College of Engineering Instructor

June 2018 – August 2023

Technological University of the Philippines - Taguig Campus

- Published research papers in reputable academic journals, contributing to the advancement of knowledge in the field of Mechatronics and Robotics.
- Provided expert consultation to students and professionals on project development and thesis writing, offering valuable insights and support.
- Evaluated and assessed student performance, providing constructive feedback to foster their academic growth and development.
- Led curriculum development and course design for Mechatronics and Robotics programs, ensuring relevance and alignment with industry standards.
- Coached and mentored students in Mechatronics and Robotics competitions, guiding them to achieve top rankings and recognition.
- Conducted community extension programs, fostering academic engagement and promoting knowledge-sharing with the local community.

## EDUCATION

- Masters of Science in Engineering Major in Electronics and Communication Engineering  
Polytechnic University of the Philippines Sta. Mesa (With 36 Units)
- Bachelor of Science in Electronics and Communications Engineering  
Technological University of the Philippines - Taguig Campus

## PROFESSIONAL LICENSES | CERTIFICATION | DESIGNATIONS

- Licensed Electronics Engineer
  - Licensed Electronics Technician
  - Mechatronics Servicing NCIV
  - Prototype Developer for Research
- Python Essentials
  - WordPress Development
  - React JS, Next JS
  - HTML, CSS, JavaScript

## ADDITIONAL

- Mechatronics NCIV Training and NCIII Training | Mechatronics Technology Corporation | UP ISSI bldg., UP Diliman Quezon City
- Educational Robotics in the Classrooms | Mechatronics and Robotics Society of the Philippines  
MAPUA University, Makati Campus, Metro Manila

## REFERENCES

Prof. Glenn N. Ortiz, PECE Supervisor in Industry Based Program Assistant Director for Academic Affairs TUP Taguig Glenn_ortiz@tup.edu.ph +639279609684	Prof. Raymund M. Lozada, PECE Supervisor in Electronics Department and Mechatronics Department Electrical and Allied Department Head TUP Taguig Raymund_lozada@tup.edu.ph +639296218726	Engr. Mark Joseph B. Enojas, MIT Section Head of Mechatronics Department Markjoseph_enojas@tup.edu.ph +639394676565
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