



Dr. Matías Javier MICHELETTO
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SUMMARY

After obtaining my Electronic Engineering degree, I started working as PhD candidate under a CONICET intern scholarship where acquired skills and experience in data science, software and hardware development applied to a wide variety of applications and collaborating with researchers from different disciplines. I have worked as teaching assistant and have published 5+ articles in international journals and participated in 15+ national and international conferences related to technology, education and engineering.

EDUCATION

UNIVERSIDAD NACIONAL DEL SUR

2016-2021

PHD ENGINEERING

- Thesis title: "Development of Computer Systems for Supporting Agricultural Work in the Southwest of the Buenos Aires Province". Thesis grade: 10/10.
- Advisors: Dr. Rodrigo M. Santos and Dr. Juan A. Galantini.

UNIVERSIDAD NACIONAL DEL SUR

2007-2016

B.S. ELECTRONIC ENGINEERING

- GPA: 8.17/10. Awarded with four undergraduate student scholarships and a one-year internship.

EXPERIENCE

CAPP MOBILE BB S.R.L.

2019

FRONT-END SOFTWARE DEVELOPER

- Collaboration in the design and implementation of the CAPP mobile application, backoffice, admin panel and shop website.

NEUFITECH S.R.L.

2017-2019

FULL-STACK WEB DEVELOPER AND IOT ENGINEER

- Design and implementation of a PWA platform. Design and implementation of IoT devices as interfaces for disabled people.

UNIVERSIDAD NACIONAL DEL SUR

2016-2020

TEACHING ASSISTANT

- Digital electronic courses for engineering students.

SKILLS

PROGRAMMING LANGUAGES	Experienced: HTML+JS+CSS C++ Matlab Familiar: Python SQL Java
DATA SCIENCE TOOLS & LIBRARIES	Jupyter Matplotlib Numpy Pandas Scikit-learn
WEB FRAMEWORKS AND TOOLS	ReactJS Angular 1 Bootstrap Materialize Framework7 Firebase Heroku
MOBILE DEVELOPMENT	Apache Cordova React Native
IOT AND EMBEDDED SYSTEMS	Arduino NodeMCU Raspberry

EXTRA

- Awarded 2nd place "Agroton 2018" (24hr innovation contest).
- Teaching and coaching abilities acquired through 5+ years experience in college's engineering courses.
- Creative problem solver, detailed and meticulous.