# 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 and 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. Desing 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

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|---|---|
| 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 habilities acquired through 4+ years experience in college's engineering courses.
• Creative problem solver, detailed and meticulous.