



CONTACT

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🌐 Bastien Arcelin

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SKILLS

- Data analysis
- Conduct research project
- Independent
- Supervision
- Concise communication of results

COMPUTING

- Python
- Tensorflow
- GitHub
- Java

LANGUAGE

- English

BASTIEN ARCELIN

DATA SCIENTIST

EXPERIENCE

PhD in cosmology

Université de Paris | Oct 2018 - now

- Use of Bayesian deep learning methods (generative models and Bayesian neural networks) for image processing of galaxy surveys.
- Wrote and published scientific papers.
- Organisation of the « Bayesian deep learning for cosmology and gravitational waves » workshop (March 2020, 70 participants).
- International and interdisciplinary collaborations.

Nuclear engineer

ORANO (ex AREVA NP) | February 2014 - September 2017

- Study of incidental and accidental situations for the writing of nuclear safety reports.
- Simulations and data analysis, writing of reports and arguments for impact analysis, for french nuclear safety agencies.
- Research and proposal of specific situations for particular areas of the primary system.

Nuclear safety engineer

ASSYSTEM | September 2013 - February 2014

- Study the impact of the power supply loss for the Taishan EPR.

EDUCATION

NPAC research master's degree (Noyaux, Particules, Astroparticules et Cosmologie)

Université de Paris (75) | September 2017 - July 2018

Engineer master's degree (Systems and Technologies for nuclear power plants)

Mines de Nantes | September 2010 - July 2013