



## Contact



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## About me

Greetings. I seek employment as a junior python engineer. I am mostly interested in the field of machine learning and artificial intelligence and would like to work in that field. I am a patient and precise person. I express scientific approach to my work. I am eager to learn and discover new things, always thriving for knowledge.

## Interests



## Links



<https://github.com/AmadeuszFilipek>



<https://www.linkedin.com/in/amadeusz-filipek-955bb0142>



<https://www.facebook.com/amadeusz.filipek>

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.

# Amadeusz Filipek

## EDUCATION

2012 - 2017 AGH Academy of Science and Technology, Faculty of Physics and Applied Information Technology

**Technical physics**  
diploma with distinction

Bachelor thesis: „Magnetostriction of rare earth – 3d transition metal compound”

Master thesis: „Diffraction measurement analysis of microstructure and stress state of crystal structure in polycrystalline materials”

## EXPERIENCE

2018 - 2019 CAE engineer EC Engineering Sp. z o. o.

Structural analysis using finite element method, finite element mesh modeling in Hypermesh, scripts and calculation applications developement in Python, VBA, reporting, helpdesk support, kaizen

2017 Internship at GS Software Sp. z o. o.

Application development in Embarcadero Delphi with O-Pascal, Firebird database management, writing SQL queries

2016 Diploma practice in Academic Centre of Materials and Nanotechnology ACMIN AGH Cracow

sample preparation and measurements with x-ray diffractometer

2015 Internship at Institute of Nuclear Physics PAN Cracow

micromagnetic simulations in OOMMF software

2014 Internship at Vacuum Group MVS in Deutsches Elektronen-Synchrotron DESY Hamburg

## SKILLS

- Python, Django, Flask
- Version control in Git
- Matlab, R
- Javascript, Vue.js
- C/C++, O-Pascal
- SQL
- Fluent english C1
- Higher math, statistics
- Modeling, analysis and presentation of data
- analytical thinking
- Communication, teamwork
- Self-reliance, quick learner

## ACHIEVEMENTS

- Activities in student scientific circle „Bozon”  
II place at 51-th conference of AGH scientific circles