Paweł Pietrzak

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Education   2019 - now   **Warsaw University of Science and Technology**
Faculty of Power and Aeronautical Engineering
Aerospace Engineering (IV semester)

Internships   Summer 2020   **TeFeNICA 2020: Joint Institute for Nuclear Research**, Dubna, Russia (remote)
Project topic: *Cosmic ray measurements in automation cycle using Python programming*
I created an application that receives, archives and visually presents data transmitted
  by a cosmic ray CosmicWatch detector
Main problems to solve: serial communication, data processing and visualisation, design
  and implementation of graphical user interface
I learnt about issues related to the source, propagation and detection of cosmic
  radiation
I presented my project at the final seminar in English

Other projects   **SKA Students' Space Association (Studenckie Koło Astronatuyczne)**
Thermal analysis of a balloon gondola in preparation for the Association participation in
  BEXUS programme (Balloon-borne Experiments for University Students)

Skills   2D&3D CAD: AutoCAD, Creo Parametric, Siemens NX
Programming: Python (advanced), C (basic)
Languages: Polish (native), English (C1), Russian (A2)

Interests   Cosmic radiation, ultralight planes, sci-fi