sebastiandziadzio

software engineer

contact

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software

C++, Python
Ruby, Git, Bash

knowledge

software design
machine learning
speech recognition

languages

Polish - native
English - fluent
Spanish - intermediate
German - conversational

education

2014-2015 **Master of Computer Science** AGH University
Intelligent Systems
Key courses: advanced algorithms, neural networks, intelligent mobile technology, machine learning, natural language processing.

2010-2014 **Bachelor of Acoustical Engineering** AGH University
Vibroacoustics
Key courses: algebra, calculus, digital signal processing, object-oriented programming, image processing, speech technology.

experience

2015–Now **Nokia Networks** Cracow, Poland
Software Engineer
I am responsible for implementing new features for the LTE control plane (C++), unit testing (Google Test), component testing (TTCN-3), and integration testing (Python). I work in an agile environment (Scrum).

2014–2015 **AGH University** Cracow, Poland
Junior Researcher
As a member of a research team, I investigated the use of semantic and syntactic language models in interactive voice response systems and described my results in a conference paper.

2013 **AGH University** Cracow, Poland
Summer Intern
I conducted a comparative analysis of morphosyntactic language models in the context of automatic speech recognition.

awards

2010–2012 **Chancellor's Scholarship** AGH University
Awarded annually based on academic record.

publications

ContextViewer - Tool for Visualization and Preprocessing of Mobile Sensors Data
Szymon Bobek, Sebastian Dziadzio, Paweł Jaciów, Mateusz Ślażyński, Grzegorz Nalepa
Proceedings of 9th International and Interdisciplinary Conference on Modeling and Using Context, 2015

Comparison of Language Models Trained on Written Texts and Speech Transcripts
Bartosz Ziółko, Sebastian Dziadzio, Aleksandra Nabożny, Aleksander Pohl
Proceedings of 10th International Symposium Advances in Artificial Intelligence and Applications, 2015