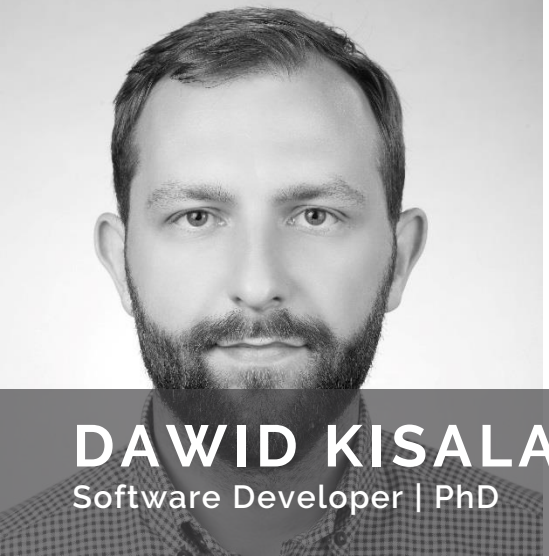

DAWID KISALA

Software Developer | PhD

PROFILE

I am Dawid Kisala. I am a software developer and tester, and a former bridge engineer who is now trying to combine both passions. For the last 7 years, my interests have revolved around engineering and computer mechanics. Currently, I am a Lead Software Tester at Prescient Co. where I am responsible for the implementation of solutions improving the quality of building design software. At the same time, I am a research and teaching assistant at Cracow University of Technology where I got a PhD title in technical sciences.

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EXPERIENCE

LEAD SOFTWARE TESTER
2016 - 2018

PRESCIENT CO., CRACOW
Team management
Developing custom Testing Framework and tools (C#)
CI server - Jenkins/TFS
Planning, monitoring and control of the testing activities
Provide management reports on test execution progress
Coordinate testing-procedure

RESEARCH ASSISTANT
2014 - 2018

CRACOW UNIVERSITY OF TECHNOLOGY
Teach undergraduate and postgraduate level courses
Planning and conducting experiments
Prepare articles, reports and presentation
Area of interest:
- Steel plate-concrete composite and reinforced structures
- Computational mechanics - Finite element analysis
- Bridge engineering

GAME DEVELOPER
2014 - 2018

FREELANCER
Gameplay design
Implementation of its own physics solver/engine
Unity Physics, GUI, Profiling and performance optimization, 3D modeling (Blender)

BRIDGE ENGINEER
2012 - 2014

SKANSKA
Managing projects
Management of the site, including supervising and monitoring the site

EDUCATION

PHD DEGREE
2014 - 2018

CRACOW UNIVERSITY OF TECHNOLOGY
Flexural behavior and deflection of steel plate-concrete composite beams

MASTER DEGREE
2012 - 2013

CRACOW UNIVERSITY OF TECHNOLOGY
Nonlinear analysis of bottom slab and web connection in concrete box-girder bridges including imperfection of tendons

BACHELOR DEGREE
2008 - 2012

CRACOW UNIVERSITY OF TECHNOLOGY
The new generation of concrete bridges – extradosed bridges. Analysis of lateral stiffness of extradosed bridges

PRO SKILLS

- C#
- UNITY3D
- FEM
- JENKINS
- TFS
- HTML, CSS
- WORDPRESS
- GIT, SVN

PER SKILLS

- ANALYTICAL
- LEADERSHIP
- CREATIVITY
- TEAMWORK
- ORGANIZED

INTERESTS

- BASKETBALL
- SKYING
- VOLLEYBALL
- ENGINEERING
- GAME DESIGN