

Grigory Solomatov

Researcher in Mathematics and Computer Science with experience in Software Development

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Work Experience

Postdoctoral researcher, *Tel Aviv University*, Tel Aviv. 2022-present
Responsibility: Research in coding theory.

Software developer, *Railcomplete*, Oslo. 2017-2018
Responsibility: Development of CAD software for railway engineers.

Summer intern as software developer, *Schlumberger*, Oslo. 2016-2016
Responsibility: Development of modeling software for geoscientists.

Student research project, 2016-2016
Norwegian University of Science and Technology, Trondheim.
Topic: Finding multi-peakon solutions to Camassa-Holm equations for a special class of initial conditions.

Summer intern as software developer, *Schlumberger*, Oslo. 2015-2015
Responsibility: Development of modeling software for geoscientists.

Computer lab assistant, 2014-2016
Norwegian University of Science and Technology, Trondheim.
Responsibility: Assistance, development and maintenance.

Education

Ph.D. student, *Technical University of Denmark*. 2018-2021
Topics: Computer Algebra, Algebraic Error Correcting Codes
Supervisors: Johan Rosenkilde, Peter Beelen

M.Sc. in Applied and Engineering Mathematics 2016–2017
(N5TeAM dual degree),
Norwegian University of Science and Technology,
Technical University of Denmark.

Thesis: *Computing Normal Forms of Polynomial Matrices*
Supervisors: Johan Rosenkilde, Vincent Neiger

B.Sc. in Physics and Mathematics, 2012–2015
Norwegian University of Science and Technology.

Programming Languages

Python • SageMath: Expert

JavaScript • Rust • C# • Matlab • \LaTeX : Proficient

C++ • Lisp • Bash • Lua • GDScript • R: Some experience

Languages

Russian: Mother Tongue

English • Norwegian: Fluent