

## ROMAN SOKOLOVSKII

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### EDUCATION

*PhD*, Department of Electrical Engineering, Communication Systems group  
Chalmers University of Technology, Gothenburg, Sweden, started October 2017  
Concentration: Coded Slotted Aloha-based Multiple Random Access for V2V networks

*Master of Engineering*, Telecommunication  
State University of Aerospace Instrumentation, St-Petersburg, May 2016  
Concentration: Computer Science, Distributed Systems

*Bachelor of Science*, Telecommunication  
State University of Aerospace Instrumentation, St-Petersburg, May 2014  
Concentration: Computer Science, Digital Information Processing

### EXPERIENCE

*Distributed Systems Software Developer* 2014  
Architecture and Optimizations Team, SPLAT. Designing and implementing parts of scalable distributed infrastructure for marathonbet.com.

*Erlang Software Developer Trainee* 2014  
Reksoft-AlertLogic Erlang team, three month-long theoretical and practical course on building distributed software systems with Erlang/OTP.

*Virtualization Software Developer* 2013  
Firmware development laboratory, AltEll. Developer of VDI solution based upon RDP protocol stack.

*Research Programmer* 2011  
Multimedia Processing Lab, State University of Aerospace Instrumentation. Development of lossless image compression system in cooperation with EMC<sup>2</sup> corporation. Co-author of the patent on DPCM-based image codec (US WO2014140674 A1).

- Designed and implemented context modelling system for lossless image codec.
- Provided support for multiple arithmec codecs.