



Final project proposal

Type	Master
Title	<i>Formal methods in software testing</i>
Supervisor	Assistant prof. Anastas Mishev, PhD
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Department / Group	
Topic(s)	
Software quality and testing	
Project can start from	01.04.2014
Project duration	4 months
Short description	
Software quality is becoming increasingly important discipline, having in mind the amount of software produced and the amount of daily activities relaying on that software. To increase the quality and to strengthen the testing procedures and practices, formal methods can be introduced in the software testing.	
Results and assessment	
Written report on the current state of the usage of formal methods in software testing, review of the best practices, possibility to develop a new model and verify it against current ones. Final 30 minutes presentation.	
Other (additional) information	
Strong knowledge in software engineering, testing and formal methods.	