

Alexander Wolf
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has participated in the following openHPI course:

Automated Visual Software Analytics

by Prof. Dr. Jürgen Döllner

The 6-week course covered the following topics:

- Week 1: Introduction to Software Engineering
- Week 2: Software Metrics
- Week 3: Software Analytics
- Week 4: Automated Data Mining and Visualization Techniques
- Week 5: Applying Visual Software Analytics
- Week 6: Related Techniques and Outlook

At the conclusion of this course, participants should be able to:

- outline concepts and methods from scientific fields that contribute to software analytics;
- describe objectives underlying "data-driven" software engineering approaches;
- discuss challenges for software maintenance;
- list, describe, and compare software metrics as quality measures;
- outline and contrast different visualization techniques;
- obtain first experience in using automated visual software analytics tools;
- reflect on using elements of automated visual software analytics in own projects as means to improve effectiveness of software development processes.

Total result (Homework and Final Exam)

126 out of 180 possible points (70%)



Prof. Dr. Christoph Meinel
Head of openHPI



Prof. Dr. Jürgen Döllner
Course Instructor

Potsdam, May 5, 2015



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