SOFT620020.02
Advanced Software Engineering

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About Me

- BSc and PhD from Fudan
- Postdoc from NTU
- Pre-Tenure Assoc. Prof. at Fudan

- Software engineering
- Program analysis
- Software testing
- Software security

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Course Structure

- In-Class Teaching and **Discussion**
- Every Monday 10-12

- Discussion (25%)
- Presentation (25%): 13 + 2 minutes
- Survey or Research Paper (50%): Jan. 11, 2019

Course Outline

Date	Topic	Date	Topic
Sep. 10	Introduction	Nov. 05	Race Detection
Sep. 17	Automatic Testing	Nov. 12	Bug Prediction
Sep. 24	Holiday	Nov. 19	Bug Localization
Oct. 01	Holiday	Nov. 26	Delta Debugging
Oct. 08	Security Testing	Dec. 03	Automatic Repair
Oct. 15	Mobile Testing	Dec. 10	Symbolic Execution
Oct. 22	Compiler Testing	Dec. 17	Presentation
Oct. 29	Performance Analysis	Dec. 24	Presentation