Software Quality

The Red Hat Way

Jakub Čecháček

David Halasz

Red Hat

Jakub Čecháček

Principal Software Quality Engineer and team lead with 10 years of experience in the field of Software Quality.
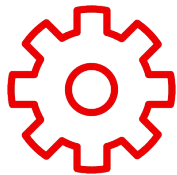
Long term lecturer at Fi MU

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David Halasz

Senior Software Engineer and team lead with 8 years of experience in open-source software development.

PhD student and researcher in LaSarIs.

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Course Structure

Three Blocks

General

Code Management & Clean Code best practices.

Testing in general & CI/CD

Backend & API
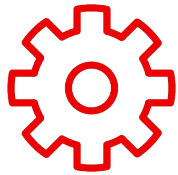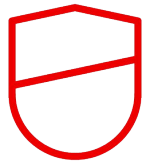
API Design & Refactoring

Frontend

User Experience (design)

Testing of Web UI

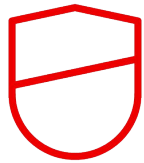Red Hat

General Block

- ▶ Code Management

- ▶ Code Design & Best Practices

- ▶ Testing in Practice: Theory

- ▶ Testing in Practice: Tools

- ▶ Static Code Analysis

- ▶ Continuous Integration & Delivery

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API Block

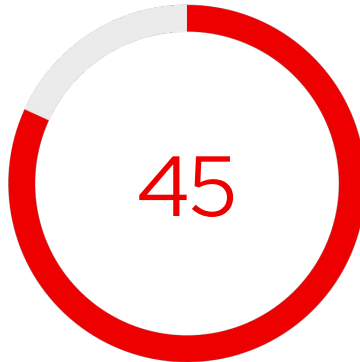- ▸ Refactoring

- ▸ API Design

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Frontend Block

▸ User Experience

▸ Web UI Testing w/ Selenium

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Course Passing Criteria
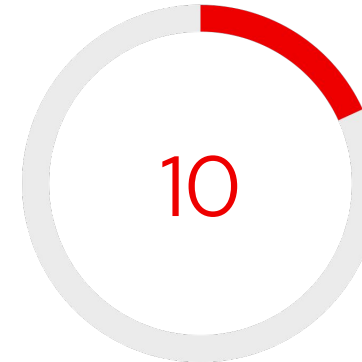
Optional subheading

Work in seminar is practically oriented. Seminars provide 55 points out of total 100 in the course.

Active students who achieve 90% mark will be given the opportunity to interview for Internship position in Red Hat QE.

45

Group Assignments

Three group assignments evaluated in milestones. Continuous works is required.

10

Seminar Activity

Active work during seminars is expected. The only bad question is the one you never asked

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Assessment Task

- Leap Year Problem

- http://gitlab.fi.muni.cz/pv260/RedHat/leap-year

- Fork the repo & push your solution

- Just Do It! We are not telling you how.

- Will be used to assess the overall experience in the class.

- Finish you implementation until Friday, February 18th

Thank you

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