



W2BUSINESS  
QA Academy  
Wroclaw - Spring 2018  
**Software testing theory**

# Lectors

## Svitlana Samko

<https://www.linkedin.com/in/svitlana-samko-b87532114/>

Senior Developer in Test

over 10 years web development practice

over 10 delivered software projects for middle and large business

My most beneficial skill: *I like to learn business from the inside. Only so one can be sure that we build right product in the right way at any stage of development process.*



## Andrii Stepura

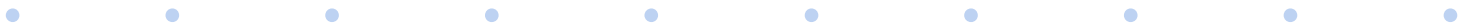
<https://www.linkedin.com/in/andriistepura/>

Senior Quality Assurance Automation Engineer

over 14 years web development practice

over 300 delivered web projects as PO / Dev / Analyst / QA

My most beneficial skill: *Imagination to think like a stakeholder. Every piece of software starts from an idea. The first written code lines are just a half of the delivery of that idea.*



# Definition of done

## 1 Introduction to IT:

- Introduction to IT in basic terms
- Software theory
  - SW goals, SW types, benefits
  - Software development life cycle, models
- Fundamentals of Testing

## 2 Software Development basics:

- Data
  - Formats - Text, graphic, binary
- Languages
  - Formal XML, HTML, CSS, JSON
  - Programming Javascript, PHP
- Test Levels and Types
- Static Techniques
- Review

## 3 Databases (DB):

- Structured Query Language (SQL)
- Relationship (MySQL DB examples)

## 4 Application Programming Interface (API):

- Examples
- Testing approaches
  - Positive/Negative testing
  - Smoke tests
  - Data Driven Testing (DDT)
- Postman tools workshop

## 5 Software testing theory:

- prepare to ISTQB certification
- CV preparation and job interview training for tester position



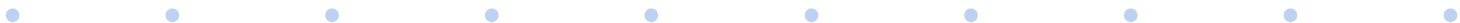
# Prepare to ISTQB certification

//[TODO]



<https://www.istqb.org/downloads/send/15-foundation-level-exam-documents/66-foundation-level-sample-exam-v2-6-answers-and-justification.html>

<http://istqbexamcertification.com/istqb-dumps-download-mock-tests-and-sample-question-papers/>



# CV preparation and job interview training for tester position

## //ITODO1



# Self-training home tasks:

# //[TODO]

0. Create your LinkedIn account (in English) with information according to your updated CV after today's review
1. Add appropriate skills to your account
2. Post link to your LinkedIn account on Slack and Skype learning groups
3. Add course coaches and students from learning group on LinkedIn
4. Add endorsements to your colleagues you were working with
5. Send your CV to apply QA/Tester position.
6. Go to the interview.
7. Repeat steps 0 and 1 until you will find a company you will like working for.



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## 5.1 Certification and course review



# Certification and course review

# //[TODO]

<http://qa.w2business.pl/feedback>





## Gratitude:

### Thanks for review:



<http://w2business.pl/>  
**W2BUSINESS**  
QA academy

### Thanks for tech background:



**Centrum  
Przedsiębiorczości  
i Biznesu** | DĄBIE

<https://zajezdniadabie.pl/>

<https://www.facebook.com/CPiBDabie/>

