СЕЗОН 11

- My name is Krasimir Stoev
  - Mail: krasimir.stoev@ittalents.bg

- As a software developer
  - 7 years as a Java developer
  - 5 years as s Project Manager
  - 3 years as a Mobile developer
  - Strong experience in developing industrial software products
  - Strong experience in mentoring junior developers
  - Managed and integrated enterprise projects in major companies in Bulgaria – Stomana Industry, Nestle, Zagorka, Econt, TEC Marica Iztok 2.

- ## As a software trainer
    - Trained students in ITTalents since **Season 3**
        - more than 250 students NOW WORK as developers, managers, architects, etc.

- ## As an enterpreneuer
    - Industrial project lifecycle consultant – MES and ERP expert
    - Mobile development enthusiast
    - Co-author of „Java for Everyone" book

- ## Hobbies
    - Poker
    - Board games (actually all kinds of games)
    - Escape rooms

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- Selected from more than 1200 applicants
- 14 people fighting for your chair
- Passed 2 serious tests and an interview
- Passed one important interview
- 40-50% of you will graduate
- 90-100% of graduates will find a job as developers

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- If you start from scratch, don't think that success is impossible – there are lots of cadets who knew nothing in the beginning and now work in leading software companies!

- If you already have some knowledge about software development – success is not 100% guaranteed – lots of overconfident people have failed!

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Being a Programmer

Pros

- Interesting, funny and motivational work
- Well-payed
- Having responsibilities
- Participate in meetings and discuss important stuff
- Constantly learning new technologies
- Inspiring job
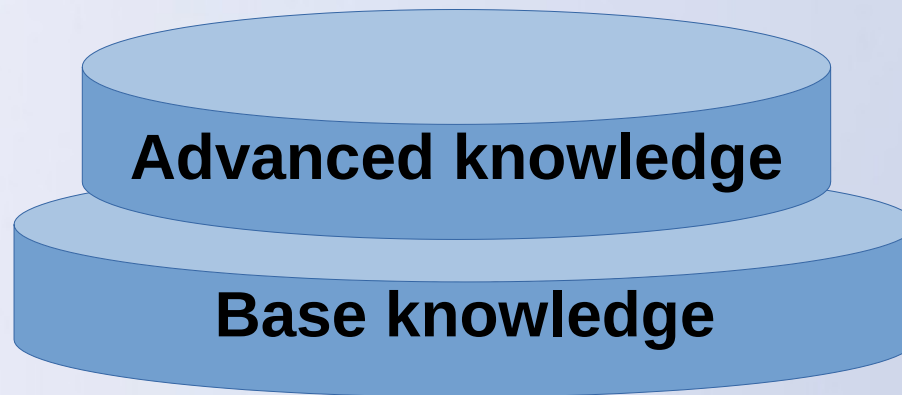- Fantastic career path

Being a Programmer

Cons

- Constantly have to improve yourself
- Have to think a lot
- Need to be a team player
- Need to take it really seriously
- Need to pass succesfully this course !

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About the Course

Separated in 2 parts :

- Programing Basics, Algorithms, OOP
  - **2 months , 2-3 times a week**

- Core Java technologies and tools
- Web Development with Java
  - **2 months , 3 times a week**

Advanced knowledge

Base knowledge

Course Schedule

- Programming Basics and algorithms
- **Test 1**
- Introduction to Object Oriented Programming
- **Test 2**
- Technical Interview
- Advanced Java
- **Test 3**
- WEB development with Java
- **Test 4**
- Final Project

Rules and Regulations

- Attend all classes – if you can not attend on some class you MUST warn the trainer and the administration via email :

- krasimir.stoev@ittalents.bg
- 0888 201 606 – Office ITTalents
- office@ittalents.bg

- Be on time

Rules and Regulations

- You cannot swap groups, except there is vacant place in another group.

- You can not take missed classes with another group without trainer`s permission.

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Rules and Regulations

- Do not eat food during lectures
- Do not smoke during lectures
- Participate actively
- Switch off cell phones
- Private talks – only during breaks

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Rules and Regulations

- If you need personal attention about something that you don' t understand you must make appointment with your traniner.

Homework

- After each lecture!
- Homework is mandatory
- Limited time to complete (meet the deadline)
- Feedback is provided
- Additional reading is part of homework
- Unfinished class tasks are also part of the homework
- Failing to submit three homeworks on time will lead to course drop

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Homework – how to prepare

- Check the presentation from the lesson;
- Watch the video;
- Search for additional materials in the Internet;
- If you still have difficulties - ask the trainer

NB – Ask only things that you did not find in google! Datamining and googling is essential skill for a software developer. Yes! I mean it!

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Homework – what is the purpose

- Learning through doing
- Being a programmer is to apply large sets of knowledge constantly in practice
- Learn to solve problems, learn different approaches for solving different problem types
- Each problem may consist of simpler problems met in previous tasks
- Task solving leads to experience gaining. Experience gaining leads to better task solving skills

Homework – recommendations

Do not skip easy tasks – excercise your coding speed on them.

Think about what you have learned after each task. Each solution helps you for further tasks in class and in life.

Separate complex tasks in smaller simpler tasks which you can solve easier

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Homework – technical instructions

Tasks for the first month will be uploaded in moodle.

After the first module of the course tasks will be submitted via GIT

- Work!
- Study! You are here for this.
- We will push you. We will guide you! But it`s you who has to do it. We just know how.
- Work extra. Ask for extra. Show extra. Be proactive.
- Ask questions. Correct the teacher.
- Be a leader or find one to follow.

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Your skills and knowledge will be tested many times and in many ways during the course

- Four official tests during the course
    - Unknown number of unofficial tests
- Theoretical and practical part in each test
- Minimum score required for passing.
- Eliminations. No mercy!
- Global grading system
- Include practical tasks and fundamentals

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Tests

You cannot study for the test alone. The only way to pass is by studying for each lesson daily.

- No ONE-TIME-ALL-NIGHTER strategy doesn`t work here.

- The University Student`s way does not work for the tests.

- Knowledge is more important than grades here. If you don`t have the knowledge, the grades WILL NOT save you.

- Cheating is fatal. Don`t test us!

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Preparing for the tests

- Practice lessons – 30% of the course. Tasks solving and solutions discussions.

- You have to learn how to solve problems. This is the key to success.

- Discussions on most difficult parts of the study material – best practices and common mistakes.

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Preparing for the tests

- Test recap lesson before each test.
- Interview rehearsal
    - Each one of you will be interviewed by the teacher or a senior guest interviewer.
    - We will be the bad guys.
        - We are really good at being bad.
    - We will make you feel uncomfortable.
    - We will ask you questions you don`t know the answer to.
    - Real interview questions based on covered material and beyond.
    - Common mistakes will be discussed
    - **This is all for your own good!**

- Awesome!

- Priceless!
  - Opportunities like that don`t come up so easy in life!

- Compulsory! These people are there for you!

- Chance to meet future employers
- Chance to make impression (MishMash IO)
- Chance to get a glimpse of the way of thinking of great minds

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Seminars

Guests at the seminars:

- Company's Shareholders

- Software Architects and Lead Developers

- HR managers

- Students from past IT Talents Training Camps

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Moodle

- All materials in Moodle (study.ittalents.bg)
- Lectures are videotaped and available
- Books, articles and additional materials uploaded there
- Global messages uploaded there.
   Check moodle regularly!
- You need to register.
   Activate account via email!

Final Project

- At the end of the course
    - One week for project preparation
- Team work!
- Demos in front of teachers every 2 days.
    - Teachers are the clients, the owners and the project managers.
- Work with version control system.

The last step

- Technical interviews with companies
    - Companies know your profile.
    - Teachers provide feedback and grades.
    - 5 months of efforts come down to 15 minutes of talking.
    - Make it happen!

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Expectations

- Take it or leave it
- Give more than expected
- Forget about university and other courses
- Do not cheat *yourself*
- Ask and talk every time you don't understand something

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This course

Pros

- Will prepare you for the goddamn interviews
- Will make you a great programmer and you will receive great job offer !
- Will teach you so much things for free!
- Will improve your ability to think
- Will make more serious and responsive person
- Will teach you to work in team and make new friends

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This course

Cons:
- You have to be really motivated and proactive
- You have to learn a lot of things by yourself
- You must really work a lot !
- You have to pass some tests or you'll drop off
- You have to give up of some activities if you want to succeed – university, sports, work, etc.
- You'll have to complete all homeworks on time and ask for more in case it was easy.
- You'll have to forget about apologies

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On the finish line

- Everybody who meets all of the above
  - Technical interviews
  - Job offer
  - Final Party
  - and …

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They are real !