Franciska Sára

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Areas of expertise

- OO programing
- Clean coding
- Graph theory
- ER databases
- Data structures
- Agile methodology
- Team leading

Technical skills

- OOP languages: Java, Scala
- Script language: Python
- Database design tools: SQuirrel SQL, MySQL Workbench
- Version control systems: Perforce, Git
- Build automation system: Gradle, Maven
- IDE: Intellij
- Microsoft Office (Word, Excel, Visio, Power Point)
- Prezi

Personal Summary

I am a highly motivated, eager for knowledge, junior software developer. I am looking for an international, open-minded, creative team where I can work on an interesting, intensive, data-driven project which can improve my professional and personal skillset. Getting to know with new technologies, building algorithms, creation of something new and useful and using creativity are things I like to do and these make me engaged to my job.

Work Experience

General Electric, Healthcare   *January 2016 – July 2016*
Junior Software Developer
   Designing and implementing automated tests in JBehave.
Morgan Stanley   *June 2014 – September 2015*
Backend developer intern
   Developing tools, that simplifies the job of the software developers
Magyar Telekom   *March 2013 – June 2014*
Project manager assistant intern
   Assisting in leadership of an IT consolidation project, planning and modeling business processes, monitoring and making statistics of the data migration process

Projects

Copying database entities (Bachelor Thesis, Morgan Stanley)
   Design and implementation of a graph theory based command line application which can copy whole entities and their related data between different databases having the same data structures.
   Used technologies: Java 7, Spring, Guava, JDBC, Gradle, Python, Intellij, SQuirrel SQL, Perforce
Squirrel SQL plugin (Morgan Stanley)
   Integrating a Scala plugin into a Java 6 application that can execute stored procedures in DB2 and display the result
   Used technologies: Scala, Spring, Swing, JavaFX, Gradle, Intellij, Git
Multiplayer car racing game (Challenge 24 task)
   Responsible for development of the server side
   Used technologies: Java 8, Netty, JUnit, Mockito, Maven, Git, Intellij
Multiplayer amoeba game (Challenge24 task)
   Developed the game logic and the TCP server
   Used technologies: Java 8, Guava, Mina, Gradle , Intellij, Git,
Financial planner (University project)
   A stand-alone Java application that can record financial transactions, calculates useful indicators and display diagrams.
   Used technologies: Java 7, JDBC, Swing, MySQL, Git, Eclipse

Personal skills

- Creativity
- Good problem-solving
- Team player
- Open minded
- Effective communication
- Flexibility
- Critical observation
- Proactive
- Helpful

Hobbies

- Football
- Cycling
- Travelling
- Cooking
- Board games

Academic qualifications

Budapest University of Technology and Economics   2012–2014
   MSc Business informatics,
   Enterprise Resource Planning system specialist
Budapest University of Technology and Economics   2009–2015
   BSc Software engineering,
   Enterprise Resource Planning system specialist
Budapest Business School   2006-2012
   BSc Finance and accounting, Accounting specialist

Other experiences

Electrical Engineering Students Europe Association, LC Budapest
   Mentor, oversight committee member   Nov. 2014 – Oct. 2015
   Challenge 24 task writer   Jan. 2015 – June 2015
   Main organizer of SAP course   Jan. 2014 – June 2014
   Vice-Chairwoman of HR   Sept. 2012-Oct. 2013
URJ Eisner Camp (USA)
   Kitchen assistant   June 2012-August 2012