VIKTOR CSOMOR

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SUMMARY

Sofware engineer with an avid interest and hands-on experience in software design, parallel programming, and machine learning. Well-versed in Java, C++, and C#. Worked on enterprise-, web-, and mobile applications. Passionate about optimal solutions and clean code. Reliable and supportive team player with the humility and incentive to learn.

WORK EXPERIENCE

Apr 2017 – present: Build and Configuration Engineer, Allianz Technoloy, Vienna
Development and maintenance of plug-ins for an Eclipse IDE for PL/I, JCL, and C developers with a remote connection to a Linux host environment; a RESTful Jersey web service backed by a native process pool for the execution of DB2 stored procedure calls; and both the Java backend and Angular web frontend of a build report system.

Sep 2016 – Mar 2017: Java Development Intern, Allianz Technology, Vienna
Eclipse plug-in development, Java implementation of an interactive shell command executor for remote Linux machines via SSH, Eclipse support and troubleshooting for host developers.

PERSONAL PROJECTS

DETROID: A magic bitboard and parallelized principal variation search based Java chess engine and a framework providing Universal Chess Interface support, a JavaFX GUI, and parameter optimization via machine learning.

C-ATTL3: A C++ header-only template library for deep learning that supports the easy construction and optimization of state-of-the-art neural network architectures such as convolutional ResNets and LSTMs.

PP4J: A Java multiprocessing library that provides process pool implementations and a flexible API.

SKILLS

Java: Oracle Certified Java 8 Professional, JNI, JNA, JDBC, JPA, Hibernate, Jersey, Maven, JUnit, JavaFX, Eclipse Plug-ins

C++: C++11, Template metaprograming, Eigen, GCC, GNU Make, MinGW, Doxygen, Eclipse

C# .NET: WPF, Entity Framework, WCF, ASP.NET, Windows Services, Visual Studio 2015

Database: SQL, MySQL, Oracle, DB2

Web frontend: HTML, CSS, JavaScript, jQuery, Angular.js

Version control: Git, SVN

Others: Apache Tomcat, Travis CI, Bugzilla, Linux

EDUCATION

2018 – present: Vienna University of Technology – **Computational Intelligence MSc**

2014 – 2017: University of Applied Sciences Technikum Vienna - **Business Informatics BSc** – Mobile Computing specialization

LANGUAGES

English: Full professional proficiency

German: Elementary proficiency

Hungarian: Native proficiency

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