

Cristian Gîlcă

Curriculum Vitae

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PERSONAL PROFILE

Date of birth 18. July 1994 in Craiova (Romania)
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EDUCATION

Computer Science (Bachelor of Science)

2016-2021

Technische Universität Ilmenau, Germany

- Bachelor thesis: Analysis of IT-Security objectives with functional security methodologies using an example of a smart meter system (in German)
- Specialization Mathematics: Numerics, Optimisation, Information Coding, Discrete Mathematics
- Focus subject IT-Security: Systems Security, Network Security, SELinux, Cryptography, Advanced Operating Systems
- Softwareproject: Visualization of a Multilayer Network
 - Approach with Unified Process Modell, versioning with Apache Subversion, programming with TypeScript, JavaScript, HTML und CSS, documentation with Latex and TypeDoc, UnitTests with Mocha and Chai, software modelling with Visual Paradigm and Time recording with Kimai
- Project seminar on business application systems (PROBAS): ABAP from SAP

High-School

2009-2013

“Elena Cuza” National Collegium, Craiova, Romania

- Mathematics and Computer Science with focus on Computer Science
- Cambridge Advanced English Diploma and Baccalaureate Diploma

WORK EXPERIENCE

Python Developer

October 2022 - present

Freelance, Full-time

- Automation bots, pipelining and web development

Software Developer

July 2021 - October 2022

HELLA GmbH & Co. KGaA (Craiova), Full-time

- Configuration Manager:
 - responsible for project process, file management within PTC Integrity, IBM EWM and GitHub tools and leading team meetings
- Problem and Change Manager
 - responsible for project errors, changes and new implementations, and maintaining change requests with PTC Integrity and IBM EWM tools
- Release Manager

- responsible for project release process and preparing necessary documentation for internal/customer project releases

Stand-in worker

June 2019 - June 2020

Micro-Hybrid Electronic GmbH (Ilmenau), Mini-job

- Programming an application for printing sieves management with Python
 - tkinter as main Python module, data transmission over JSON, unit tests, Creation of user manual, functional specification and design document in L^AT_EX
- Electrical measurements and mechanical measurements, execution of the automatic inspection systems (AOI) and operation of the stacking machine and KEKO sieve printer

Web Developer

February - May 2017

EasternGraphics GmbH (Ilmenau), Part-time

- Web application programming with TypeScript, React und SASS in Microsoft Visual Studio Code, versioning with Git, JavaScript tasking with Grunt and runtime environment in Node.js

Receptionist

March 2014 – February 2015

at “Hilton Hotels & Resorts” (Cardiff, Wales), Full-time

- Management of the hotel guest database on the computer and doing the daily audit

VOLUNTEERING

Network Administrator

April 2016 - May 2021

Forschungsgemeinschaft elektronische Medien e.V. (Ilmenau, Germany)

- Management of the members' database
- Solving of technical problems and giving technical advice

SKILLS

<i>Languages</i>	Romanian (native) German (nearly native C2) English (advanced C1) Japanese (beginner A2)
<i>Program- ming languages:</i>	Java, Python, C++, Erlang, Prolog, JavaScript, TypeScript, Lambda Calculus, SASS, XML, React, CSS, HTML, PHP
<i>Technical knowledge:</i>	Windows, Linux, MacOS, Bash, PowerShell, CMD VMware Workstation, Windows Subsystem Linux, Docker Visual Studio, Eclipse, CLion, PyCharm, Anaconda, IntelliJ IDEA Oktave, Matlab, Visual Diagram, L ^A T _E X, Adobe Photoshop MS Office: Word, Access, Excel, Powerpoint Git, SVN, FL Studio, Sony Vegas Pro, Sublime Text Slack, Zulip, Kimai, Toggl, Evernote, Trello, XMind Scrum, Unified Process

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Category A und B

CREDENTIALS

Available upon request