TU WIEN Informatics

Call for Master Students (20 hours/week)

The Institute for Information Systems Engineering, Research Unit Business Informatics, in collaboration with the Research Unit Security & Privacy at the Institute of Logic and Computation at TU Wien in Vienna, Austria, is looking for a student employee for a Master thesis on **Large-scale Analysis of Attack Vectors in Software Repositories.**

The employment is a part-time position (20 hours/week) for a period of 12 months from October 1, 2020 (until September 30, 2021, but no longer than until the completion of the master's or diploma course). The working language is English, knowledge of German is not required.

Your tasks:
– Preparation and implementation of data analysis projects at the intersection of security and software engineering
– Large-scale data mining of projects on the social coding platform GitHub
– Independent implementation of qualitative and quantitative analyzes with regards to security & privacy issues in source code (with a specific focus on configuration files)

Your profile:
– Enrollment in a relevant subject in the field of computer science
– No completed master's or diploma degree in the subject
– Teamwork and communication skills

We offer:
– Supervision and completion of master's thesis as part of the employment
– Contribution to research projects in the areas of software engineering and security and privacy
– Wide range of internal and external training opportunities and flexible work arrangements
– Central location (U1 / U2 / U4 Karlsplatz)

The remuneration is based on the minimum wage for salary group C in accordance with the collective agreement for university employees and is currently EUR 1,058.30 gross/month (14 times a year) with a weekly workload of 20 hours.

Please send applications with your transcripts and CV to Jürgen Cito (juergen.cito@tuwien.ac.at) and Martina Lindorfer (martina.lindorfer@tuwien.ac.at).