The Oulu University Secure Programming Group (OUSPG) is looking for candidates to work on their

(salaried) Master´s thesis

OUSPG studies, evaluates and develops methods of implementing and testing software in order to discover security vulnerabilities in a pro-active fashion. We focus on implementation level security and software security testing, while battling the ever-increasing complexity in IT.

Job description:

We are looking for persons interested in becoming the future security and networking experts. Based on our work on security testing (more specifically fuzzing), we look for ways to improve code coverage within a given test case set. This thesis focuses on data analysis. The aim is to complete a Master’s thesis in half a year.

We offer:

• Good opportunity to learn effective team-working skills
• Professional skills and the secrets of information security
• Valuable contacts to international experts
• Infrastructure and guidelines to build your research on
• Assimilation of your interests to serve our needs
• A well-tested thesis process to ensure completion on time

We expect:

• Respect for concept of confidentiality, and careful wording
• Appropriate prior studies, showing good results
• Strong experience in programming
• Track record of successful software development
• You are in the advanced phase of your studies

Starting date: the earliest possible

Duration of the contract is up to one year, but it can be continued depending on the progress of the research and funding available. The salary will be based on the salary system for teaching and research staff in use at the University of Oulu, the job demand levels being for the Research Assistant: 1. In addition, on the basis of personal work performance up to 46.3% of the job demands level can be paid.

For more information on the positions, please contact ouspg (at) SPAMLESSee.oulu.fi

Applying

Please send your full application (transcript of records, high school diploma, cover letter) to ouspg (at) ee.oulu.fi by December 15th, 2015. We will invite suitable candidates for an interview.