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 to create analysis and visualization tools for improving the situational awareness of users and administrators. The aim of the work is to complete a Master’s thesis during the half-year contract, with a possibility of further employment.

We have been initially considering web-related technologies such as WebGL and d3.js, but we are open for suggestions based on your input and preferences.

**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 six months, 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) ee.oulu.fi

**Applying**

Please send your full application (transcript of records, high school diploma, cover letter) to ouspg (at) ee.oulu.fi by **December 3rd, 2015**. We will invite suitable candidates for an interview.