



JOB SPECIFICATION

JOB: Secure Systems Software Engineer

LOCATION: Lisburn/Leeds

SALARY: Competitive plus benefits

INTRODUCTION

Seven Technologies Group (7TG) is a successful and ambitious company built around an excellent engineering team involved in the design, development and manufacture of rugged electronics devices and software.

The Company has offices and design centres in Lisburn (N. Ireland), Leeds, and London and employs around 80 people. 7TG also has teams around the world supporting its clients to use its leading-edge technology. After a major reorganisation 7TG is now focused on growth and is building the strength of its teams with highly capable and motivated people.

We now have a requirement for a Software Engineer with vulnerability analysis skills to join our Secure Systems Team.

THE PURPOSE

The Secure Systems Software Engineer holds a key role in the company, supporting a dedicated team of Secure Systems Researchers. Due to the nature of the role, the Software Engineer needs to have strong background in the Linux Kernel, C and C++ programming languages and previous experience in a similar role.

THE ROLE

The Secure Systems team develop bespoke solutions for a range of stakeholders, producing proof of concept demonstrators as well as targeted software applications.

The successful candidate will be responsible for:

- Android prototype development
- Able to undertake vulnerability research in new domains
- Kernel building
- Native code development
- Support and build tool chains
- Generation of software requirements and test documentation
- Support for software testing by Evaluation staff
- Reporting on status of development activities including progress, issues and risks
- Rapid prototyping of software solutions for quick turnaround systems and products



- Produce high quality technical reports

THE PERSON

Candidates wishing to apply should have:

- Experimental development using SDLC
- Competent with pen-testing and reverse engineering tools and methodologies
- Experience of advanced vulnerability assessment techniques such as fuzzing and code injection
- Network traffic analysis
- Exploit development

QUALIFICATIONS & EXPERIENCE

Essential

- Qualified to degree level in a relevant subject
- 2+ years relevant commercial software development
- 2+ years Android Mobile Development

Desirable

- Native C++ and C
- Linux Kernel Development
- Test Driven Development
- Demonstrable UI design
- Experience of working with 3rd party software developers

KEY COMPETENCIES

- Attention to Detail
- Decision Making
- Communication
- Planning
- Team Approach
- Self-Motivation & Resilience

SALARY AND BENEFITS

Excellent company benefits package including pension and life insurance policy.

HOW TO APPLY

To be considered please forward your CV to Robyn Morrow, HR Manager on: Tel: +44 (0)2892605200 or E-Mail: Robyn.Morrow@7techgroup.com

All employment at Seven Technologies Group Ltd is subject to UK security clearance