

## Experiences

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### **Security Analyst & Research Assistant**

CERT Lab - Ferdowsi University

Feb 2014 - Present -- Mashhad, Iran

- Exploit developer/Vulnerability researcher
- Software fuzz-testing using Peach Framework
- Reverse engineering Windows applications
- Developing a new plugin-based & cross-platform pen-testing framework
- Establishing a new pen-testing guideline based on the OWASP ASVS
- Web-application and mobile platform penetration testing (starting November 2015)
- Working towards defining a vulnerability assessment criteria for threat modeling based on the OWASP CVSS V3

### **Graduate Research Assistant**

Software Quality Lab - Ferdowsi University

Sept 2015 - Present -- Mashhad, Iran

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- Security requirements for secure software development
- Security design patterns

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## Teaching Assistant

Faculty of Computer Engineering - Ferdowsi University

Sept 2012 - Present -- Mashhad, Iran

Teaching assistant in the following courses during my B.Sc. & M.Sc. at Ferdowsi University:

- Software Engineering
- Design & Analysis of Software Systems (2 semesters)
- Object Oriented Design (OOD)
- Design & Implementation of Programming Languages (3 semesters)
- Software Engineering Lab (3 semesters)