

# Markus Östberg

Software Developer

## Contact

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## Languages

Swedish  
English

## Programming

Java, C++  
Python, PHP  
JavaScript  
HTML&CSS  
C#, SQL

## Technical Skills

Web Development  
Algorithm Design  
Problem Solving  
Quality Assurance  
Computer Security

## Education

### KTH Royal Institute of Technology Master of Science in Engineering

Degree Programme in Computer Science and Engineering

- Project highlights:
  - Bachelor's Project: Explored how the algorithm parameters in Genetic Algorithm affect the evolution.
  - Software Engineering Project: Online live streaming and move recording of chess games using DGT electronic chess boards.
  - Robotics and Autonomous Systems Project: Built and implemented an autonomous robot that could explore and map a labyrinth.

Stockholm, Sweden  
2008 - 2013

## Experience

### Trustly Group AB Software Developer

- Responsible for bank integration in Trustly's payment transaction system.
- Technologies: Java, Selenium, Sikuli, PostgreSQL, GIT.

Stockholm, Sweden  
07/2013 - Present

### Findwise AB Masters Thesis Worker

- Project Title: Subtopic extraction using graph based methods.
- Explored subtopic extraction using search engine technology, combined with graph centrality ranking of topic candidates.
- Technologies: Java, ElasticSearch, MongoDB, REST, GIT.

Stockholm, Sweden  
01/2013 - 07/2013

### Zimzon AB

Software Developer, Summer Intern and part-time job

- Implemented and integrated an web-based administration system for management of access cards.
- Developed a prototype of a system for online creation and ordering of printed postcards.
- Evaluated the use of ASP.NET MVC 4 for future projects.
- Technologies: C#, ASP.NET, HTML, CSS, JavaScript, jQuery.

Stockholm, Sweden  
06/2012 - 12/2012

### Tobii Technology AB

Quality Assurance Engineer, Summer Intern and part-time job

- Quality Assurance testing of Tobii's eye tracker hardware and software at the Tobii Assistive Technology department.
- Responsibilities included integration and system testing, using both use cases and exploratory methods.

Stockholm, Sweden  
06/2010 - 06/2012

### We Know IT Sweden

IT Support Consultant, Part-time job

- Consulting assignments including: cleaning up viruses, recovering lost data, installing printers and setting up local networks.
- The work involved on-site installation and problem solving at customers home or offices.

Stockholm, Sweden  
10/2009 - 10/2010