

# Markus Östberg

Software Engineer

## 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  
Machine Learning  
Quality Assurance  
Computer Security

## Education

### KTH Royal Institute of Technology

#### Master of Science in Engineering (M.Sc. Eng)

- Thesis Project: Subtopic extraction using graph based methods.
- Robotics and Autonomous Systems Project:  
Built and implemented an autonomous robot that could explore and map a labyrinth.

Stockholm, Sweden  
08/2011 - 08/2013

### KTH Royal Institute of Technology

#### Bachelor of Science (B.Sc.)

- Thesis Project: Explored how the algorithm parameters in Genetic Algorithm affect the performance.
- Software Engineering Project: Online live streaming and move recording of chess games using DGT electronic chess boards.

Stockholm, Sweden  
08/2008 - 08/2011

## Experience

### Engage

#### Web Development Intern

- Integration and data processing for Web Applications.
- Technologies: PHP, Laravel, JavaScript, Wordpress, Vagrant

Washington DC, USA  
11/2014 - Present

### Trustly Group

#### Software Engineer

- Responsible for integrating and maintaining Trustly's bank integrations for their payment transaction system.
- Developed and maintained parts of Trustly's bank integration framework.
- Technologies: Java, Selenium, Sikuli, Maven, PostgreSQL, Git.

Stockholm, Sweden  
07/2013 - 11/2014

### Findwise

#### 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

#### Software Engineer, 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.
- Technologies: C#, ASP.NET, HTML, CSS, JavaScript, jQuery.

Stockholm, Sweden  
06/2012 - 12/2012

### Tobii Technology

#### 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