Markus Östberg

Software Engineer

Contact

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markusos.github.io
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github.com/markusos

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)

Stockholm, Sweden
08/2011 - 08/2013

- 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.

KTH Royal Institute of Technology
Bachelor of Science (B.Sc.)

Stockholm, Sweden
08/2008 - 08/2011

- 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.

Experience

Engage
Software Engineer, Internship

Washington DC, USA
11/2014 - Present

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

Trustly Group
Software Engineer

Stockholm, Sweden
07/2013 - 11/2014

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

Findwise
Masters Thesis Worker

Stockholm, Sweden
01/2013 - 07/2013

- 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.

Zimzon
Software Engineer, Summer Internship and part-time job

Stockholm, Sweden
06/2012 - 12/2012

- 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.

Tobii Technology
Quality Assurance Engineer, Summer Internship and part-time job

Stockholm, Sweden
06/2010 - 06/2012

- 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.