# Mikael Auno

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## Profile

My core interests, and where I have the most knowledge and experience, is in *computer science*, *computer programming* and *systems administration*. My university education was centered around algorithms, data structures and complexity, giving me good knowledge of and experience with both computer science and computer programming. My own tinkering at home as well as side projects at the university gave me equally good knowledge of and experience with systems administration. Since the university, my employment at both Oracle and Viaplay has furthered my competence in all of these aspects.

## Education

### Royal Institute of Technology, Stockholm                    2004–
*Computer Science and Engineering program (Master of Science in Engineering)*

I have completed eight of nine semesters of this master's program with only half of my thesis project and three exams to go. Though not actively working towards completing this at the moment, I do hope to in the near future.

## Professional Experience

### Viaplay AB, Stockholm                    March 2015–
*Software Developer*

At Viaplay I have previously worked as a software developer in the central backend QA team and am currently working in one of the backend development teams.

### Oracle Svenska AB, Stockholm                    June 2010–March 2015
*Software Developer*

At Oracle I worked in Software Quality Engineering for Hotspot, JRockit and Java DB. In this role I was involved in everything regarding testing; from test strategy, test specifications, test infrastructure, developing tests and developing tests systems to failure analysis and bug fixing. During my thesis project I also investigated using information from the JVM to perform directed yields in the thread scheduler of the JRockit Virtual Edition kernel.

### Royal Institute of Technology, Stockholm      August 2009–January 2010
*Teaching Assistant (Program System Construction Using C++)*

During the 2009 run of the course *Program System Construction Using C++*, I worked as a teaching assistant. In this role I held lectures for up to 50 people, provided guidance for assignments and evaluated their solutions.

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**Royal Institute of Technology, Stockholm**        **June 2009–May 2010**
*Software Developer*

Primarily during the summer of 2009, but to some extent also fall of 2009 and spring of 2010, I developed a light weight web based system for administration of Subversion repositories with focus on access control. This system is now used for students as well as researchers at the school of Computer Science and Communication.

**Oracle Svenska AB, Stockholm**        **July 2008–August 2008**
*Software Developer*

During the summer of 2008, I worked at Oracle developing a debugging API in Java aimed at providing platform independent debugging of core files. This project included developing an ELF parser completely in Java.

**BEA Systems, Stockholm**        **June 2007–August 2007**
*Software Developer*

During the summer of 2007, I worked at BEA developing tools for profiling and debugging of garbage collection in JRockit as well as evaluating the usage of Pin[1] for JRockit development.

**Konglig Datasektionen, Stockholm**        **2007–2010**
*Systems Administrator*

At the Computer Science Chapter of the Student Union at the Royal Institute of Technology (Konglig Datasektionen), I functioned as the systems administrator for the chapter's computer resources. This primarily entailed setup and maintenance of web and database servers.

## Other Positions

**Datorföreningen Stacken, Stockholm**        **2008–2012**
*Vice chairman*

Datorföreningen Stacken is a computer club for students and employees at the Royal Institute of Technology.

**Stockholm Linux User Group, Stockholm**        **2006**
*Chairman*

**Stockholm Linux User Group, Stockholm**        **2005**
*Board Member*

## Language Proficiency

**Swedish**   Native

**English**   Fluent

**Spanish**   Basic

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[1] http://www.pintool.org/