

MARTIN PETTERSSON

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EDUCATION

KTH Royal Institute of Technology

Computer Science

2010-2015

Stockholm, Sweden

- MSE Degree Program in Computer Science and Technology

Tohoku University

Computer Science, Natural Language Processing

2014-2015

Sendai-shi, Miyagi, Japan

- Natural Science DEEP Program, Special Research Student, Graduate School of Information Sciences

EXPERIENCE

Nordita, Nordic Institute for Theoretical Physics

Student Assistant

September 2017 - March 2018

Stockholm, Sweden

- Worked on OMDb, the Organic Materials Database, <https://omdb.diracmaterials.org>
- Assisted in web development and similarity computations (machine learning), using mainly Python 3 and PHP with Laravel.

Omegapoint AB

Consultant, Software Developer

September 2016 - August 2017

Stockholm, Sweden

- Consulting jobs for clients within government and banking.
- Mostly Java backend development, but also some frontend and database related work.
- First six months consisted of a tech-trainee program with a client case.

Digpro AB

Software Developer

January 2016 - March 2016

Stockholm, Sweden

- Part-time Java programming with a geographical information system.
- Attempted to replace an old Excel-library (JXL) to Apache POI in a very large code base.

Inui-Okazaki Communication Science Lab

Research Student

September 2014 - August 2015

Sendai-shi, Miyagi, Japan

- I implemented a sentiment-level selectional preference model in Java using the Stanford NLP library.

WeMind AB

Web Developer

May 2013 - August 2014

Stockholm, Sweden

- My first part-time development job where I worked with Ruby, Ruby on Rails and PostgreSQL.
- I maintained and developed a back-office system used in psychiatry.

TECHNICAL SKILLS

Languages

Java, Python, Javascript, C++, Ruby, C#

Web

HTML, CSS, XML, Basics of PHP, REST, SOAP

Frameworks

Spring Boot, Ruby on Rails, Angular, React, .NET

Databases

MySQL, PostgreSQL, Oracle WCC, MS SQL Server

Tools

Git, SVN, Eclipse, IntelliJ, Visual Studio, VS Code, vim, Atom, Sublime

Operating Systems

Windows, OSX, Ubuntu, Linux Mint

Other

Maven, Gradle, IBM SPSS, IBM RAD, Agile Development, Scrum

3D Software

Autodesk Maya, Unity, Blender

Spoken Languages

Swedish (native), English (fluent), Norwegian (proficient) Japanese (basic)