

**Official name**

Jan Pavle Posma

**Date of birth**

15 June 1990

**Nationality**

Dutch

**Marital status**

Unmarried

**Languages**

Dutch (native), English (IELTS score 8.0)

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Please see website

# Curriculum Vitae: Jan Paul Posma

## Education

**MSc in Computer Science, University of Oxford**

2011 – present

I am currently reading **Computer Science** at the **University of Oxford**, where I am working on an interactive online programming course aimed at high school students. I am also a committee member of the **St Hugh's College Middle Common Room**.

[ox.ac.uk](http://ox.ac.uk), [mcr.st-hughs.ox.ac.uk](http://mcr.st-hughs.ox.ac.uk)

**BSc in Computer Science, University of Groningen**

2008 – 2011

I have completed the **Computer Science** bachelor at the **University of Groningen** with honours, **cum laude**. This bachelor includes a 6-month minor in **Mathematics**. I also did committee work for **Cover** and **FMF**, two student associations.

For my bachelor thesis I have researched new ways of **editing wikis** such as **Wikipedia**. In October 2010 I presented preliminary results at the MediaWiki Hack-A-Ton in Washington D.C. on invitation of the **Wikimedia Foundation**. In 2011 development continued in close collaboration with developers of **GRNET**, a Greek government-funded research institute. The results of this work were presented at a gathering in Berlin in May 2011. The final thesis received a mark of **9.5** (out of 10), and can be found **online**.

[rug.nl](http://rug.nl), [svcover.nl](http://svcover.nl), [fmf.nl](http://fmf.nl), [wikipedia.org](http://wikipedia.org), [wikimediafoundation.org](http://wikimediafoundation.org), [gynet.gr](http://gynet.gr),  
[http://commons.wikimedia.org/wiki/File:In-line\\_Editing\\_thesis.pdf](http://commons.wikimedia.org/wiki/File:In-line_Editing_thesis.pdf)

**Willem Lodewijk Gymnasium, Groningen**

2002 – 2008

I followed the track **Nature and Technology**, which focuses on exact sciences. Besides the main courses and the courses from this track, I studied **economics** and **ancient Greek**. My graduation project was **PimpMyBike**, an electronic circuit placed in the wheel of a bike, which displays an image when driving. Finally, I maintained the school's **website**.

[wlg.nl](http://wlg.nl), [janpaulposma.nl/pimpmybike](http://janpaulposma.nl/pimpmybike)

## Professional experience

**Wikimedia Foundation (web developer)**

2011

I have worked for **Wikimedia Foundation** in the **features team**, developing new tools for **Wikipedia**, sister projects, and other wikis running the open source **MediaWiki** software. For the most time I worked on **WikiLove**, a feature that got major **media coverage**, but I was also involved in the discussion about building a new parser, a **major project** which enables developers to build a visual editor in the future.

[wikimediafoundation.org](http://wikimediafoundation.org), [wikipedia.org](http://wikipedia.org), [mediawiki.org](http://mediawiki.org), <http://news.google.com/?q=wikilove>, <http://www.mediawiki.org/wiki/Future>

## University of Groningen (teaching assistant)

2010 – 2011

As a teaching assistant for **Computer Science** courses at the **University of Groningen**, I have taught at practical sessions, written teaching materials, and reviewed and graded submitted work.

*rug.nl*

## WorldTicketShop (web developer)

2009 – 2010

At **WorldTicketShop** I was one of the first hires to work on the new **marketplace**. Although working only part-time for most of the time, I built large parts of the **critical infrastructure** of the site, made sure the **transition** between the old and the new site went well, did some of the dynamic parts of the **front-end** and was in charge of the **performance**.

*worldticketshop.com*

## Cantouch (multitouch developer intern)

summer of 2009

At **Cantouch** I worked on the Cube, which is a large **multi-touch table** supporting many touches at the same time, which made it really interesting to build applications for this device. I built two **promotional applications** for Technische Unie, a Dutch wholesale business.

*youtu.be/3163Llr5qBs*

## Triati (web developer)

2008 – 2009

At **Triati** I worked on seoAssistant, a **web application** to monitor performance of websites in search engines. Then I built sportCMS, a website system for **small communities**, such as sport clubs.

*triati.com*

## Aerotronic (web developer)

2006 – 2007

I worked on the Aerotronic **webshop**, which primarily sells remote-controlled helicopters. I improved the user experience and developed new modules.

*aerotronic.nl*

Contact information for references can be supplied upon request.

## Other experience

### IKEA (project manager for student development project)

2010

I participated in an **international software engineering project**, coordinated by the university, to develop an internal webapplication for **IKEA**. This was done in cooperation with students from the **Linnaeus University** in Växjö. I was the **project manager** of a team of 11 students.

*ikea.com, lnu.se*

### Fronteers conference (volunteer)

2009

I volunteered in organizing the **Fronteers conference** about front-end web development.

*fronteers.nl/congres/2009/information*

### Science Center North (volunteer)

2008 – 2011

As an unpaid volunteer, I work at **SCN** with **children** (age 10–18) on **electronics** and **programming** projects. I teach about soldering, (embedded) programming, and the drawing of schematics and circuit boards. I have developed a set of example projects for newcomers to start with.

*stichting-scn.nl*

## Audivididici

2007 – 2009

With my classical languages teacher at school, I developed a free program with an almost unpronounceable name, **Audivididici**. The goal of the program is to **learn languages** better by adding pictures and sounds to words and sentences, allowing for an entire range of (collaborative) exercises. For this project we were awarded funding from **Kennisnet Grassroots**. The program is also featured in a **video** about innovation about education (in Dutch). We still get a couple of dozen downloads each month.

[audivididici.nl](http://audivididici.nl), [grassroots.nl](http://grassroots.nl), [leraar24.nl/video/409](http://leraar24.nl/video/409)

## Various open source projects

I developed parts of **usbpicprog**, an open source, open hardware project, consisting of a **hardware device** and a piece of **cross-platform C++ software**.

I founded **OpenLaserFrag**, an open source, open hardware **laser-tag game**. I built the original hardware and software, which is now being built on without my involvement.

On my **GitHub** page, there are some more projects I started or contributed to.

[usbpicprog.org](http://usbpicprog.org), [openlaserfrag.org](http://openlaserfrag.org), [github.com/janpaul123](https://github.com/janpaul123)

## Prizes, awards and scholarships

### Apps for Noord-Holland

2011

In this **open data competition** my application won the **golden prize** (€2000) in the category Tourism and Culture.

### Huygens Scholarship

2011

The **Huygens Scholarship Programme** awarded me a scholarship (€21255) to finance my studies in **Oxford**.

### IWI programming contest

2009, 2010

*With Roan Kattouw*

In this university contest we secured the **1st place** (€50) as a junior team in 2009.

*With Roan Kattouw and Herbert Kruitbosch*

In 2010 we competed in the senior league, and got the **2nd place** (€35).

### Benelux Algorithm Programming Contest

2009

*With Roan Kattouw and Herbert Kruitbosch*

In this national contest we secured the **10th place** nationally, and the **1st place** within our university.

### Young Talent award

2009

The Royal Holland Society of Sciences and Humanities awarded me a **Young Talent award** (€500).

### National Informatics Olympiad

2007, 2008

This competition is aimed at solving algorithmic problems and implementing them. In the national rounds I secured a **5th place** in 2007 and **7th place** in 2008.

### RoboChallenge Junior

2006, 2007

*With Marc van Beest*

The aim of this national competition was to build a robot that is able to navigate on a grid and perform certain tasks. Our robot won the **1st place** (€ 250) in 2006, and the **3rd place** in 2007.

**Other activities include playing the piano and the occasional skiing and sailing. I enjoy building interesting things: one example is a glass harp — a musical instrument — which was featured in an MTV short. For more information on my personal interests, please visit my blog: [janpaulposma.nl](http://janpaulposma.nl).**

**You can find an interactive version of this document online at [janpaulposma.nl/cv](http://janpaulposma.nl/cv).**