

**Official name**

Jan Pavle Posma

**Date of birth**

15 June 1990

**Nationality**

Dutch

**Marital status**

Unmarried

**Languages**

Dutch (native), English

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# Curriculum Vitae: Jan Paul Posma

## Education

**Computer Science bachelor, University of Groningen**

2008 – present

I am currently in the **third year** of the **Computer Science** bachelor at the **University of Groningen**. In 2009 I received my **propedeuse**. For a period of six months I am doing a minor in **Mathematics**.

*rug.nl*

**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**. I also maintained the school's **website**.

*wlg.nl, janpaulposma.nl/pimpmypbike*

## Professional experience

**University of Groningen (teaching assistant CS)**

2010 – present

As a teaching assistant for **Computer Science** courses at the **University of Groningen**, I teach at practical sessions, write teaching materials, and review and grade submitted work.

*rug.nl*

**WorldTicketShop (PHP 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*

**Triati (PHP 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 (PHP developer)**

2006 – 2007

I worked on the **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

### Wikimedia Foundation (bachelor thesis research)

2010 – present

For my bachelor thesis I'm researching new ways of **editing wikis**, such as **Wikipedia**. This research already proved promising as I was invited to attend a conference in Washington, D.C. by the **Wikimedia Foundation**. At the moment development is done in close collaboration with developers of GRNET, a Greek government-funded research institute.

*wikipedia.org, wikimediafoundation.org, grnet.gr*

### 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*

### Cover and FMF (committee work)

2009 – present

Being an **active member** of both **Cover** and **FMF**, I do **committee work** for those student organizations.

*svcover.nl, fmf.nl*

### 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 – present

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've developed a set of example projects for newcomers to start with.

*stichting-scn.nl*

### 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, openlaserfrag.org, github.com/janpaul123*

## Prizes and awards

### 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).

### 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).

## 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.

## Skills

### Programming languages

As I have extensive experience on web development, I am particularly skilled in **PHP**. I've got a strong knowledge of front-end languages such as **HTML**, **CSS** and **Javascript**. I'm also experienced in using the query language **SQL**.

I've got a strong knowledge of **Java**, **C**, **Actionscript** and **Basic**. I can find my way in **C++**, **Haskell** and some **assembly** variants.

### Electrical engineering

I worked a lot with **PIC microcontrollers**, and have some experience with **AVR microcontrollers**. I've worked quite a bit with **KiCAD**, for drawing schematics and circuit boards.

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).