

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/pimpmybike

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

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 large Dutch company, which they now use at conferences.

cantouch.nl

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**. Furthermore, the Foundation funds some of the usability testing involved in this research.

wikipedia.org, wikimediafoundation.org

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.

You can find an interactive version of this document online at janpaulposma.nl/cv.